

The CHEMIST AND DRUGGIST



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APRIL 14, 1951

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The



CHEMIST AND DRUGGIST

for RETAILER — WHOLESALE R — MANUFACTURER

APRIL 14, 1951

Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Strand, London."

Single copies 1/- each. Annual subscription, which includes *The Chemist and Druggist Diary and Year Book*, £2

Volume CLV

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NEWS OF THE WEEK

Summer Time Begins.—British Summer Time commences at 2 a.m. on April 15. Clocks should be put forward one hour at the close of business on April 14.

by the technical co-operation administration of the American State Department at the request of the Persian Government.

Personal Exports Concession.—For the purposes of the Customs and Excise Personal Export Scheme it will not be necessary in future to complete a form C.D.3 when the value of the goods purchased by a visitor holding a passport issued by an overseas Government exceeds £100.

Fumigation with Ethylene Oxide.—The Home Office has issued a twelve-page booklet setting out the precautionary measures that should be taken during the fumigation of buildings with ethylene oxide. Copies can be obtained from H.M. Stationery Office (price sixpence net).

Chemical Society Officers.—At the annual meeting of the Chemical Society in London on March 21, the following elections of the Council were declared:—*Vice-presidents*, Professors G. R. Clemo, D. H. Hey and M. Stacey; *Secretaries*, Professor E. D. Hughes and Dr. L. E. Sutton.

Degree Entitles to Qualification.—Under an Order (S.I., 1951, No. 571) which came into force on April 4, persons receiving the degree of Bachelor of Veterinary Medicine and Surgery (B.V.M.S.), University of Glasgow, qualify to become members of the Royal College of Veterinary Surgeons.

Insecticide Attack on Persian Locusts.—Supplies of aldrin (a new chlorinated hydrocarbon insecticide (see *C. & D.*, March 10, p. 313)) are being flown from the United States to Persia, to help combat a locust infestation in that country, described as the worst for seventy years. Funds for the supply are being provided

Travellers' Car Allowances.—The United Commercial Travellers' Association of Great Britain and Ireland (U.K.C.T.A.), Inc., has drawn up the following suggested scale of basic allowances to be made by an employer to a commercial traveller who provides his own car. The allowance covers depreciation, comprehensive insurance, road

tax, repairs and renewals, servicing, cleaning and garaging at home:—8 h.p., £174; 10 h.p., £200; 12-14 h.p., £226 per annum (subject to 15 per cent. reduction to cover private use of car, but with an additional payment to cover petrol, oil, parking, etc., on journey).

A Chemist's Liability?—According to the March issue of "The Executive Council," a member of the staff of an Executive Council sustained damage to a garment while engaged in drug testing, and was advised by the Council to claim against the chemist concerned, the matter to be reconsidered should the claim against the chemist be disallowed.

Exemptions from Key Industry Duty.—The Treasury has made an Order (S.I., 1951, No. 587) exempting the following articles from Key Industry Duty for the period April 12 to August 19:—Cobalt carbonate; cyanoacetic acid; diacetone alcohol; 8-hydroxyquinoline; potassium metabisulphite; sodium dihydrogen orthophosphate (a sodium phosphate); tribromophenol (a bromophenol). Ethylene glycol ethers are exempted from key industry duty for the period April 2 to August 19.

Scholarships in the U.S.A.—The Ministry of Education has announced that thirty-five post-graduate scholarships are to be awarded in 1951 for the study of technology and management at universities, technological institutes or industrial undertakings in the United States of America. The awards will be open to students who hold good honours degrees in pure science or technology, who have had at least two years' industrial experience, and who are now working in industry or research associations or are teaching in universities or technical colleges. Full details may be obtained from the Ministry of Education, Curzon St. House, Curzon Street, London, W.1. Applications must be in by April 30.

LOCAL NEWS

Surrey N.H.S. Statistics.—The number of prescriptions issued in Surrey during January was 324,753, and 1,291,165 persons on the lists of Surrey doctors.

Rhyl Officers.—At the annual meeting of the Rhyl Branch of the Pharmaceutical Society on April 3, the following officers were elected: *President*, Mr. G. M. James; *Vice-president*, Mr. G. Anwyll, J.P.; and *Treasurer and Secretary*, Mr. C. W. Latham, 21 Bryn Avenue, Rhyl.

Dewsbury Branch Officers.—The following have been elected officers of the Dewsbury Branch of the Pharmaceutical Society: *President*, Mr. T. B. G. Walton; *Treasurer*, Mr. L. W. Bird; *Joint Secretaries*, Mr. K. S. Jefferson and Mrs. B. Jefferson, 535 Leeds Road, Dewsbury.

Raids on Chemists' Shops.—Thieves entered the shop of Mr. D. G. Read, Nev Road, Ascot, Berks, recently through dispensary window and stole about £7 in cash.—Smash-and-grab thieves broke the shop window of Timothy Whites & Taylors, Ltd., Deansgate, Manchester, on March 21, and stole £60 worth of goods.—A thief entered the shop of Godkin Ltd., chemists, High Street, Tunbridge Wells, on March 20 by a window that no one else could open and stole £9.

Wrong Gas Given.—At an inquest at Southport, Lancs, recently, on a three-day-old child to whom carbon dioxide had been administered instead of oxygen, verdict of misadventure was returned. Evidence was given that the carbon dioxide was issued by the Southport Infirmary, an adjoining maternity hospital in response to a request for oxygen from a district nurse. It was sent by ambulance and was administered by the nurse, who thought it was oxygen. The baby and cylinder were taken by ambulance to the maternity hospital, where the mistake was noticed by a staff nurse. The jury suggested that there should be stricter supervision in handling cylinders at the Infirmary and that they should be more plainly labelled.

Dental Treatment Lecture.—A recent meeting of the Bristol Branch of the Pharmaceutical Society was addressed by Professor A. I. Darling (professor in dentistry, University of Bristol) on "Dental Treatment." Professor Darling explained and illustrated the development of teeth from birth to the eruption of the permanent teeth. Specimens and slides were shown of teeth damaged in the process of cleaning through the use of abrasive material in tooth powders or pastes and a hard tooth-brush. Asked for an opinion on tooth-brushes, he suggested the use of medium tooth-brushes. Surface active materials as a constituent of the tooth-paste or powder had been shown to be useful. It had been proved that it was virtually impossible under ordinary conditions to maintain the mouth in an aseptic condition because the saliva rapidly dilutes any antiseptic it was possible to use.

Chester Branch Dinner.—Guests of the Chester Branch of the Pharmaceutical Society at their annual dinner in Chester on March 21 included Mr. A. A. Meldrum (president of the Society) and the mayor and mayoress of Chester. Mr. C. F. Walton (Branch chairman), proposing the toast "The Pharmaceutical Society," said that the Branch endorsed the Council's efforts to elevate the status of the Qualifying examination, but he thought the standard of education required of the student prior to registration was unrealistic. There were only two students registered in the thirty-one pharmacies of Chester during the previous year and there must be a reason for that. Mr. Meldrum, in reply, said that in his view matriculation standard was the main plank of any profession though he could never let any entrant to pharmacy be debarred from going forward because he had not taken matriculation at the proper time. Proposing the health of Mr. J. W. Dunn, who has been a pharmacist for sixty-one years, Mr. J. D. Clark suggested that the Society should acknowledge in some way the hard work of its old members who had given fifty or sixty years' service. Mr. G. Buttling proposed the toast "The British Medical Association."

IRISH NEWS

Lecture on Cortisone and A.C.T.H.—At University College, Dublin, on April 2, Professor J. S. L. Browne (University of Montreal) gave a lecture on "Some Aspects of Cortisone and A.C.T.H." Lantern slides showing the effect of the drugs on patients were shown.

Chemists Organise Opposition.—Pharmaceutical chemists in the Dun Laoghaire borough area and members of the South Dublin Branch of the Irish Medical Association are co-operating to oppose the proposed Mother and Child Welfare Scheme. Chemists in the area are displaying in their pharmacies a poster issued on behalf of the medical profession dealing with the scheme.

Ulster Chemists' Association.—At the April meeting of the Executive Committee of the Ulster Chemists' Association, held in Belfast, recently, the president (Mr. A. Quinn) in the chair, Miss Joan Godfrey (successor to Mr. G. Corry), Antrim, and Mr. R. Weir (successor to the Dispensing & Surgical Co., Ltd.), Moira, were elected to membership. The following, who were approved at a previous

meeting of the Associates' Committee, were admitted to Associateship:—*Pharmaceutical Chemists*, Messrs. F. B. Leyden and E. R. Wightman; *Apprentices*, Miss P. Tinsley, Messrs. W. E. Best, J. W. Hogg, E. Jenkins, W. J. McBride, J. M. Thompson and P. Owens. The Derry Chemists' Association nominated Messrs. G. V. Duffy and E. B. Barr for the Tribunal panels of the Ministry of Labour and National Insurance. Messrs. R. Gibson, O.B.E., and W. Mulholland were appointed to a sub-committee which is examining the Belfast rota.

STRIKE THREAT IN IRELAND

A SITUATION has developed in the retail pharmacy trade in the Dublin, Dun Laoghaire, and Bray areas which may result in a strike. On April 7 a seven days' strike notice was served on the Irish Drug Association by the Workers' Union of Ireland following their decision not to negotiate with that Union. On February 27 the Association had concluded an agreement with the Chemists' Branch of the Irish Union of Distributive Workers and Clerks, making provision for Sunday work and giving more time off around bank holiday periods. At that and a subsequent conference with the I.D.A. at which increases were granted ranging from £1 in the case of senior assistants down to 12s. the Irish Union of Distributive Workers and Clerks stated that they were the proper union to represent the employees.

In the agreement of February 27, a clause was inserted that employees should belong to that Union. Since then a number of employees have joined the Workers' Union of Ireland, which set up a chemists' branch and has—so far unsuccessfully—claimed the right to negotiate with the I.D.A. A spokesman of the latter union claimed that out of a total of 600 employees in pharmacy in Ireland 370 are now their members and that they are entitled to negotiate with the I.D.A. This claim has not been conceded by either the I.D.A. or the Irish Union of Distributive Workers and Clerks. The Workers' Union further claimed that almost 90 per cent. of the employees in the Dublin, Dun Laoghaire, and Bray areas are now in their Union and that they could close down most of the pharmacies in these areas if a strike took place.

MR. BRENDAN R. SMITH (secretary of the Irish Drug Association) said that the dispute was primarily an inter-union one, and was localised to the Dublin area.

BUDGET SPEECH AND CHANGES

In his Budget speech in the House of Commons on April 10 the Chancellor of the Exchequer (Mr. Hugh Gaitskell) said that three features stood out in the economic background:—

1. The massive defence programme.
2. The way in which prices paid for imports have gone up so much more than prices obtained for exports. That was as real a burden as defence, for it meant sending out more exports to buy the same volume of imports.
3. The shortage of materials, with the check that it imposed on higher production. It was necessary to carry through a defence programme swiftly and smoothly and maintain exports.

The effort would fall mainly on the engineering industry, which would have to accept some check to home investment and some interference with exports.

Last year exports were sufficient to pay for imports, but this year the country would not be able to manage—against a still bigger volume of exports—to pay for current imports. A strict fiscal and monetary policy would restrain civilian expenditure. At the moment there was a "costs inflation"—higher prices for imported raw materials were pushing up prices.

Machinery Allowance

He had decided that the initial allowance of 40 per cent., given for income tax and profits tax purposes on plant and machinery, and 10 per cent. on industrial businesses, mines and oil wells, must be suspended as from April 6, 1952. That expenditure would continue to qualify for ordinary annual depreciation allowances. In present circumstances, to stimulate capital expenditure in that way would endanger the defence and export programmes. When the period of rearmament was over it might be desirable to reintroduce the allowances. There would certainly be a substantial increase in the amount paid to reserve by companies to cover depreciation and to provide for future tax payments. A considerable proportion of those increases would be used to finance replacements of their stocks at higher prices.

Health Service

The Chancellor announced a half-scale charge on certain dental and optical services within the National Health Service,

Expectant and nursing mothers would continue to receive free dental treatment, including dentures, and children would receive free treatment in schools.

Profits and Dividends

Mr. Gaitskell said that company profits had recently been increasing rapidly and there had been an increase in dividend. Statutory control of dividends would involve additional administrative work. He therefore proposed to increase the rate of profits tax on distributed profits from 30 to 50 per cent. to take effect from January 1, 1951, while leaving unchanged at 30 per cent. the tax on undistributed profits.

Concerning the deduction made in directors' remuneration in computing profits for profits tax purposes he thought that, fairness to small businesses where there were a number of directors working full time, he would increase, from January 1951, the limit of £2,500 to £3,500 where there were two full-time directors to whom it applied, and to £4,500 where there were three or more.

A new outlook was needed on the question of age of retirement. The Government would now ask employers and workers generally to remove all obstacles that prevented people who wished to do so from continuing the work.

The amount old age pensioners could earn without their pension being reduced would be raised from 20s. to 40s. a week.

Purchase Tax Changes

The changes in the rates of and exemptions from purchase tax took effect on April 11. Among the goods exempt from tax are the following:—Hot-water bottles and stoppers, toilet paper, air pillows and air cushions (but not air bed water beds, water pillows, water cushion, pedal-operated sanitary bins, chamber urinals, commode pans, commode chairs, overbed tables, vaporisers and fumigation lamps).

The tax on sun-ray lamps was increased to 66½ per cent. and it is proposed to impose tax at the rate of 66½ per cent. on certain photographs in the making which have been used any chargeable materials which have not borne tax. The change is to come into operation from the date the Finance Bill receives the Royal Assent and will affect the larger photographers at present registered for purchase tax.

TOPICAL REFLECTIONS

An Appeal for Help

A right step has been taken by the Hendon, Edgware and District Branch of the National Pharmaceutical Union in requesting a local Member of Parliament to support the claim of the Union for urgent consideration by a Whitley Council committee of the "oncost" dispute (p. 437). This action should be extensively copied. Many, perhaps most, Members of Parliament are probably unaware that the enforced reduction of oncost in chemists' accounts with the Ministry of Health was made as long ago as May 1950. They are almost certainly unaware that not only the Central N.H.S. Committee but also the accountants consulted are of opinion that the rate of oncost prevailing till May 1950 should be regarded as a minimum. An approach to M.P.s in every constituency may produce a substantial result. When reading, lately, the biography of Miss Eleanor Rathbone, I was impressed by the fact that when what may be called a non-political subject is introduced into the House of Commons, there is among all parties a fund of good will—or, at the least, of receptivity—increasing the chance of success. So every branch of the N.P.U. may without hesitation get in touch with some Member of Parliament with a view to obtaining adequate support for a settlement of this controversy in accordance with our conception of justice.

Hints on Dispensing

The illustrated article of Mr. Bernard Gill on pp. 445-47 is of the high quality we have learned to expect from contributors selected by you. The drawings accompanying his hints on dispensing are large enough to be easily understood, and enhance the purport of the text. His device for warming an ointment-slab is very ingenious; it has the further merit of not involving any extensive alteration to existing fittings. It is not clear to me whether more than one person at a time can use this dispensing department as aid out; that would probably depend on the length of counter and fittings available. Much might be written on the question of spacing out the dispensing of prescriptions, a subject briefly mentioned by your contributor. The "order of priority" is sometimes difficult to settle with strict impartiality. In theory it could be made a rule that prescriptions are to be dispensed

in the order in which they are received; in practice, however, this is not always possible. For well-understood reasons there is often an overlap between two or more of the prescriptions in hand, and the dispenser may have to exercise diplomacy as well as skill in order to be fair to the customers concerned. As the problem may be complicated by the demands of railway and motor-coach time-tables, its solution will in such cases be a matter of art rather than of science. In any case the dispenser has the responsibility to the customer of giving, in Mr. Gill's words, "adequate care to the compounding of every prescription."

Physicking Children

The Anthology selection on p. 449 revives memories of a famous English novel. My memory for fiction being defective, I had forgotten the existence, not of "Vanity Fair" indeed, but of the "personable" Mr. Linton and of his success in making a child's medicine palatable. If an adequate quotation is not too long for your purpose, I should like to see a passage from Chapter XII of Jane Austen's "Emma," giving part of the conversation of Mr. Woodhouse, in his usual valetudinarian mood, with his two daughters and Mr. John Knightley, his son-in-law. It appeared that Mr. Woodhouse's apothecary (Mr. Perry) and Mr. John Knightley's (Mr. Wingfield) had different views on the value of sea air and sea bathing, particularly for young children. Moreover, Perry was said to have been surprised to learn that the Knightley family, who lived in London, had chosen Southend for an autumn visit: for his part, he held Cromer to be the best of all seaside resorts. Wingfield, however, had declared it to be entirely a mistake to suppose Southend unhealthy; and the Knightleys not only enjoyed perfect health while there, but also "never found the least inconvenience from the mud." An improvement in the throat of one of the children was attributed to either the bathing or "an excellent emulsion of Mr. Wingfield's." The alleged superiority of Cromer, still pressed, eventually led to a protest by Mr. John Knightley "in a voice of very strong displeasure"; but the situation was restored to a state of tranquillity by the tactful management of his brother who was present.

Xrayser

"COUNTRY-OF-ORIGIN" ENTRIES LEAD TO FINES

AT Bow Street, London, police court, on April 6, Biddle, Sawyer & Co., Ltd., merchants, London, W.1, Herbert Arthur Berens, Amersham (a director); Gedeon Richter (Gt. Britain), Ltd., London, N.W.5, Steven Garrett, Hampstead, and George Winckler, Kensington (a director and a former director respectively), were each fined a total of £900, with £63 costs, after each pleaded guilty to six summonses of subscribing to a false declaration that the country of origin of certain synthetic hormones (testosterone propionate, methyl testosterone, ethinyl testosterone, ethisterone, progesterone and desoxycorticosterone acetate), was Italy. The charges alleged that the defendants were thus committing an offence under Section 168 of the Customs Consolidation Act, 1876, and incurring penalties under the Finance (No. 2), Act, 1915, and the Finance Act, 1943. Previously a group of eight summonses against each defendant, alleging that they had conspired with Gedeon Richter Pharmaceutical Products, Inc., New York; Gedeon Richter (America), S.A., Mexico; l'Ormonoterapia Richter, Milan; Caboto S.A., Milan, one Fenton, and others unknown, fraudulently to evade the laws and restrictions of Customs relating to the importation of synthetic hormones, had been withdrawn. The value of the hormones imported between November 1949 and February 1950 was £9,708.

"Guilty" Plea to Revised Charges

Counsel for Messrs. Biddle, Sawyer told the magistrate: "Since the last hearing my friends and I have come to an agreement to plead guilty to these entirely new summonses, which involve no possible suggestion of fraud." Counsel for Mr. Berens, and for Richter (Gt. Britain), Ltd., and Messrs. Garrett and Winckler, concurred.

Prosecuting counsel said that it was only by stating that the country of origin was Italy that importation had been achieved.

Counsel for Messrs. Biddle, Sawyer said an offence had been committed unnecessarily. If someone had done what not one person in a thousand did—read form 107 properly—no offence would have been committed. There was no need to write "country of origin: Italy" on the form. The statement that the country of origin was Italy was correct in Italian law, and there had been no loss of revenue, as duty

had been paid. He asked the magistrate to find that there was nothing detrimental to the honour of the company and still less to the honour of its director. Counsel for Mr. Berens said that in September 1947 the Minister himself had made a statement that the object of the Government was to free and promote trade and save dollars at the same time. That was all Mr. Berens had done.

Companies Concerned

At a previous hearing it had been stated that the original Richter company was Hungarian, now naturalised, and from other Richter companies had stemmed. The man Fenton named in the first two groups of summonses was a distributing agent for the New York company. Cabot S.A., Milan, was a transit-trade merchanting company. The Richter companies, though widely separated in distance, operated in close friendly association, and appeared to send each other copies of correspondence between any of the group. The Mexican company was the only one that produced synthetic hormones. With the company Biddle, Sawyer & Co. did considerable trade in 1946-47, amounting in the latter year to £20,000. By the Exchange Control Act, they found themselves unable to obtain a licence to import dollar goods, and the business with the Mexican Richter concern came to a standstill. The method was agreed whereby the difficulty could be overcome. The method, in essentials, was that the American goods should be sent to Italy in transit and on arrival be relabelled and sent to Great Britain as goods of Italian origin, payment to be made to Italy in sterling.

Prosecuting counsel read extracts from letter from Richter (Great Britain), Ltd., to the Customs, written after a Customs Investigating Officer had visited Richter (G.B.), and Biddle, Sawyer & Co. The letter stated:

"We have spent a great deal of time and money in an unsuccessful experiment to manufacture the hormones in this country. Mr. Steven Winckler came to try and help us to solve the difficulty. I went to the Continent, and on returning told Mr. Berens it would be possible for Biddle, Sawyer & Co. to buy hormones of Italian origin, with authenticated certificates of the country of origin would be given if required. Until Mr. Osborn's visit we believed all those transactions were in order. We think . . . that Biddle, Sawyer & Co. believed that they were saving hard currency."

The Customs Officer said both companies had given him facilities to examine their records. He had asked Dr. Garrett what Richter (G.B.) got out of the business and was told "Nothing"—he would not have touched the scheme if he had thought there was anything wrong.

At Expense of Competitors"

The magistrate, before imposing the fines at the final hearing, said "In this case the country does not appear to have lost currency, and that has been made abundantly clear. The charges of fraud

are withdrawn, and it remains for me to say that these two companies have broken the law, and in breaking that law have made considerable profit, which must have been made to some extent at the expense of their competitors." It was one's duty to see that the law was respected and that people who kept the rules were not handicapped. "I make no distinction between the defendants, and I feel there must be a considerable fine, because by a breach they made a profit which other people without that breach have not been able to make."

NEW COMPANIES

SYDNEY BLUM & Co., LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturing chemists, merchants, exporters, etc. Sydney Blum, M.P.S., director. R.O.: 46 Curzon Street, W.1.

GEORGE T. GURR, LTD. (P.C.)—Capital £10,000. To acquire the business of a chemical manufacturer now carried on by George T. Gurr at 136 New King's Road, London, S.W.6. George T. Gurr, Winifred M. Gurr and Norman A. Virgo, directors.

GOODALL & BUTLER, LTD. (P.C.)—Capital £10,000. To carry on the business of chemists, druggists, opticians, etc. Sydney Goodall, M.P.S., and William Butler, M.P.S., directors. R.O.: 431 Little Horton Lane, Bradford.

BURPHAM PHARMACY, LTD. (P.C.)—Capital £1,000. To carry on the business of chemists and druggists, etc. Thomas E. Roby, Isabella C. Roby, and Laurie H. Maxwell, M.P.S., directors. Solicitors: Barlow, Norris & Jenkins, Guildford.

H. B. PARE & Co., LTD. (P.C.)—Capital £1,000. To carry on the business of chemists and druggists, etc. James W. Walton, M.P.S., and Kathleen M. Walton, directors. R.O.: 108 Deansgate, Bolton.

CALYPSO COSMETICS, LTD. (P.C.)—Capital £100. To carry on the business of manufacturers, merchants, importers and exporters of and dealers in cosmetics and toilet requisites and preparations, etc. Frank C. Jeffree, and Sidney C. Forsdike, directors. R.O.: 37 Chesham Place, London, S.W.1.

CLAPHAM PHARMACY, LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturing, wholesale and retail chemists and druggists, etc. Max Winograd, Claude E. Lipman, M.P.S., and Henriette

Winograd, directors. R.O.: 3 Broad Street Buildings, Liverpool Street, London, E.C.2.

CHEMISTS' SUNDRIES (PRESTON), LTD. (P.C.)—Capital £10,000. To acquire the business of a chemists' sundriesman now carried on at Bamber Bridge, nr. Preston as Chemists' Sundries (Wholesale) Co. William Q. Houlden and Margaret Houlden, directors. R.O.: 308 Station Road, Bamber Bridge, nr. Preston.

Company News

P. B. COW & Co., LTD.—After deducting administration charges, tax, etc., the group net profit for 1950 amounts to £161,848 (against a loss of £80,061) and parent company's net profit to £134,523 (loss, £85,336).

BUSINESS CHANGES

MR. S. G. BUNNELL, M.P.S., has acquired the pharmacy at 42 Tweedale Street, Rochdale, Lancs.

MR. C. JOSEPH, M.P.S., D.Opt., F.N.A.O., has acquired the pharmacy at 162 Green Lanes, London, N.16, formerly owned by Mr. F. Hobbs, Ph.C.

ENERGEN FOODS CO., LTD., London, N.W.10, have acquired the freehold of a factory at Ashford, Kent, and hope to enter into production there in July.

MR. A. BENDER, M.P.S., has acquired the pharmacy of Mr. S. Clegg, 51B Grange Park Road, St. Helens, Lancs, from May 1.

STEMCO, LTD., Albert Street, Camden Street, London, N.W.1, have appointed Mr. E. G. Blanchard their representative in the North of England and Southern Scotland.

MARRIAGES

MARSHALL—WILLIAMS. — On March 30, James Marshall, M.P.S., 11 The Avenue, Gorebridge, Midlothian, to Leonard (Lorna) Williams, 34 Andrew Drive, Clydebank.

STEWART—BALLANTYNE. — At Marlborough House, Glasgow, on April 3, Alan James Stewart, son of Mr. James Stewart, M.P.S., 16 Tealing Avenue, Cardonald, Glasgow, S.W.2, to Emmy Ballantyne, 26 Redpath Drive, Hillington.

DEATHS

BARKER. — Recently, Mr. Thomas James Barker, M.P.S., 24 Burnley Road, Todmorden, Lancs, aged forty-two. Mr. Barker was lost in the Lake District after setting out on a walking expedition on Easter Monday. His body was later found at the foot of Helvellyn.

DEAN. — On April 9, Mr. Charles Dean (managing director of Anglo-American Pharmaceutical Company, Ltd., Croydon, Surrey).

ELY. — At his home in Birdham, nr. Chichester, Sussex, suddenly, on April 4, Mr. Rutland Stephen Ely (a director of the British & Colonial Druggist, Ltd.), aged seventy-six. Trained as a solicitor, Mr. Ely joined the company in 1906, and was for many years a director and the secretary. In conjunction with the late Mr. F. H. Summers, he was organiser of the annual Medical and Chemists' Exhibitions. He had a long association with the late Messrs. Philip Want, Ph.C., and A. C. Merrin, successive editors of the "British and Colonial Pharmacist," and was widely known amongst the many manufacturing and pharmaceutical firms who exhibited continuously at the Horticultural Hall and elsewhere. During the 1914-18 war, Mr. Ely served as a lieutenant-commander in the Royal Naval Volunteer Reserve. Throughout his life he was an enthusiastic yachtsman, and was for some time secretary of the Royal Burnham Yacht Club. The interment took place at St. Mary's Church, Birdham, on April 10.

EVANS. — At 8 Torrisdale Street, Coatbridge, Lanarks, on April 5, Mr. James Leonard Evans, M.P.S. Mr. Evans qualified in 1900.

Ross. — In hospital at Toronto, Canada, on March 6, Mr. Bruce D. Ross (vice-president and secretary of the Rexall Drug Co.

of Canada, Ltd.). Mr. Ross joined the company as a clerk in 1913 and during the course of his duties travelled extensively through Canada, United States and other countries.

SMITH. — Of the late Mr. John Smith, M.P.S.I. (see *C. & D.*, March 31, p. 406) Mr. George A. McLean Lee, M.P.S.I., writes: When I came to Dublin from Aberdeenshire John Smith, my fellow shireman, was already well established in that city, and was then treasurer of the Pharmaceutical Society. Over the past forty years or more I was interested in many of the activities John Smith was associated with—a factor which brought us very much together. We both served on the Council of the Society, we both members of that pioneer band which gave Irish chemists the fine trade body we have today, and we were both founder members also of the Photographic Dealer Association in this country of our adoption. John Smith was one of the staunchest and most loyal of colleagues. He was held in the highest esteem by all as a man of absolute integrity in all his dealings. No matter how one might differ with John around the Council table, at the end of a meeting he was always the same kind, gentlemanly man who bore ill-will to none. He was a first-class pharmacist and an excellent businessman, who always kept up to date with any new trends, particularly on the photographic side, in which he took a especially keen interest. Born and reared in the countryside of his native Aberdeen, John Smith never lost his love of the countryside. He honoured the profession to which he belonged, and no one served it with greater ability or with more consistent and unstinting effort.

STRUTHERS. — At Brighton, on April 12, Mr. Thomas Struthers (a director of Ma Andrews & Forbes, Ltd., London). Mr. Struthers was also a director of the organisation's parent company in America, which he first joined in 1903. He spoke Russian fluently having been at the company's on time branch in South Russia.



PERSONALITIES

MR. J. BURPITT has retired after forty years in the advertising and buying department of Genatosan, Ltd., Loughborough.

MR. W. ROBERTSON, M.P.S., The Pharmacy, Rochford, Essex, was installed Worshipful Master of The Lodge of Amity, No. 753, on April 4.

MR. MICHAEL COSTELLO, M.P.S.I., Marino, Dublin (immediate past-president of the Irish Drug Association, and a Council member of the Pharmaceutical Society of Ireland) has been elected captain of the Clontarf Golf Club.

MR. V. J. HELSBY, who has been in the service of Beechams Pills, Ltd., St. Helens, for nearly fifty years, and its chief cashier and office manager for the past twenty-seven years, was presented with cheques from the company and the staff upon his retirement recently. An illuminated presentation volume in which the names of

all the employees in the St. Helens business were recorded was also presented.

MR. VICTOR MCUNU, who is to present classical and African songs in the television programme "Picture Page" on April 14 is a member of the staff of Allen & Hanburys, Ltd., Vere Street, London, W.C.1. He came to London from the company's Durban house in order to advance his musical studies at the Royal College of Music. He has already given two broadcasts in the B.B.C.'s Third Programme.



WINE-LICENCE RESTRICTIONS UPHELD

At Glamorgan Quarter Sessions, Swansea, on April 4, an appeal by twenty-one local chemists against a decision of the Bench at the adjourned Brewster Sessions in March not to renew their licences because they refused to accept a restrictive undertaking was rejected. The three judges decided that the Newcastle and Ogmore licensing justices were within their rights in asking the chemists holding wine licences to restrict their sales to certain kinds of wine.

In the case for the chemists, it was stated that the licences had been in existence for varying periods of years, one since 1899. The holders gave an undertaking that they would not sell anything but medicated wine. "No one knows what medicated wine is. There have always been large numbers of people who believe in taking a little wine for the stomach's sake, and some of them are to be found in the medical profession," said counsel.

The chairman announced that he and his colleagues had decided that it would be a hardship to the general public and, of course, to the chemists themselves, if they refused the renewal of the licences. "We have decided," he said, "that the licences shall be renewed, but we have come to the conclusion that they shall be renewed only if the appellants give an undertaking in the terms that were set

forward by the justices at the court below:—

1. The sale of wine in or as part of a prescription given by a registered medical practitioner, whether under the National Health Service Act, 1946, or under statutory modifications thereof for the time being in force or otherwise; and

2. The sale of wine which is a substance recommended as a medicine within the meaning of the Pharmacy and Medicines Act, 1941, or any other statutory modification thereof for the time being in force.

The chairman said that it would not be right to agree to the sale of the three kinds of wine which the chemist wanted to sell—port, sherry and burgundy—unless there was some evidence to show that there was a local need. It might become necessary in the future that the chemists should apply separately for the renewal of their licences. Counsel for the chemists said he did not know whether they were now prepared to accept those conditions. When the question of costs was raised, he said: "The chairman of the justices as good as asked us to come here. Both sides have benefited by the decision, and both sides should pay their costs." Counsel for the magistrates: "This case has involved the justices in considerable expense, and I ask for costs." The chairman ruled that the respondents were entitled to costs.

TRADE NOTES

Again Available. — The Janet Moore beauty products, including herbal skin food, natural beautifier and Kenma hand jelly, etc., are again available from Janet Moore, Ltd., 3 Station Road, Watford.

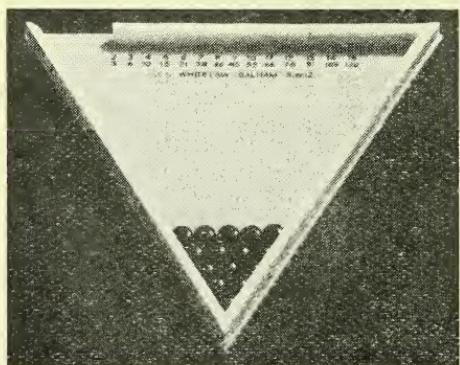
"Bigger-bonus" Offer. — On another page Halex, Ltd., Highams Park, London, E.4, give details of two parcels qualifying for a "bigger-bonus" offer open until May 31.

Camera Agency. — P. C. Cahill & Co., Ltd., Bachelor's Walk, Dublin, have been appointed sole importing agents for the Republic of Ireland for Zeiss Ikon cameras and other Zeiss products.

B.P. Addendum. — Details of a 1951 Addendum to the British Pharmacopoeia, 1948, to be issued for the General Medical Council by Constable & Co., Ltd., London, W.C.2, on April 19, are given on another page.

New Lipstick Shade. — The newest lipstick shade by Coty (England), Ltd., 3 Stratford Place, London, W.1, is "London Lilac," introduced to celebrate Festival year and designed to tone with the pale lilacs, and silver-greys, mimosa yellow and lichen green favoured by many dress designers for 1951 Spring wear.

Tablet Counter. — A triangular tablet counter in white plastic material is available from J. N. Whitelaw, Palestine Grove, Merton, London, S.W.19. The tablets are



placed in any quantity to form an equilateral triangle as shown. According to the number in the top line the total on the tray is read off from the table across the head of the tray.

New Hormone Preparation. — Rousse Laboratories, Ltd., announce the introduction of Angioxyl, a preparation of the vasodilatory hypotensive pancreatic hormone, free of insulin, for intramuscular injection or for oral administration. Angioxyl is available in forte and normal strength ampoules and as a syrup.

Temporary Price List. — An 8 page temporary price list issued by British Chemicals & Biologicals, Ltd., 43 Regent Street, Loughborough, for the products issued by their Genatosan division, is available to any retail or hospital pharmacist on request. Scottish customers should write to the company's Scottish office at 65 Berkeley Street, Glasgow.

Deodorant Tablets. — Tablets for the "banishment from within" of personal odours, including those caused by perspiration, foods, alcohol and tobacco, have been launched by Ashe Laboratories, Ltd., Leatherhead, Surrey. Marketed under the name Amplex they contain chlorophyll which has been subjected to ultra-violet radiation. They are packed in cartons containing a month's supply. An advertising campaign is to commence in mid-April.

Window-display Prizewinners. — In the window-display competition organised recently by F. R. Cullingford, Ltd., Cheyne Walk, Chelsea, London, S.W.10, for the Baby Brumas soap, the winners of the first prize (50 guineas) went to Chiesmans, Ltd., High Street, Maidstone, Kent. The second prizes were awarded to R. A. Cuthbert, Huddersfield; Clements & Sons, Ltd., Huish, Yeovil; John Dent, Ltd., New Square, Chesterfield; and F. G. Turner, 30 St. Andrew's Street, Cambridge. There were also awards of four consolation prizes.

Distributors Appointed. — CALMIC, Ltd., have appointed William Patterson & Sons (Aberdeen), Ltd., 57 Spring Garden, Aberdeen, distributors and stockists of Cimic gauze and Hypon tablets in a number of counties in Scotland, and J. R. Gibbs, Ltd., Manor Avenue, Paignton, in the south-western counties of England; fuller details are given on another page. — N. & G. GOULD, Ltd., 62 Stoney Lane, London, E.1, announce that distributors are now being appointed for S.P.O. films to cover the whole of the British Isles. A few areas remain to be dealt with, and inquiries are invited.

PRICE CHANGES

ALLEN & HANBURYS, LTD., Bethnal Green, London, E.2, have been charging orders for castor oil, cod-liver oil emulsion and proteolysed liver received since March 19 at new increased prices. Revised prices are also in operation for Nonad tulle (paraffin gauze dressing, B.P.C.), 4 in. x 4 in.—BOOTS PURE DRUG CO., LTD., Nottingham, state that new reduced prices for Heparin-Boots have been made possible by increased demand and improved processes; the changes affect Heparin solution and powder and Heparin Retard. — PETER CLARIDGE, LTD., 161 New Bond Street, London, W.1, have found it necessary to increase the prices of the miniature flacons of their three perfumes: Smart Party, Dual Control and Evergreen. — CUXSON, GERRARD & CO., LTD., Oldbury, Birmingham, announce that revised prices for their Sylvia and Altex sanitary towels and Sylvia maternity pads came into operation on April 2. — PHARMACEUTICAL SPECIALTIES (MAY & BAKER), LTD., Dagenham, are reducing the prices of Sonalgin to the public on May 14 and to the trade on April 16.—Rising costs of production have necessitated an increase in the retail price of Red Heart dog food manufactured by JOHN MORRELL & CO., LTD., Liverpool and London; the new prices take effect on April 7.—RENTOKIL, LTD., School Lane, Fetcham, Leatherhead, Surrey, announce increased prices for Rentokil timber fluid in bottles and tins; the outfits are at unchanged prices.—ROUSSEL LABORATORIES, LTD., 847 Harrow Road, London, N.W.10, announce reduced prices resulting from increased demand and lower manufacturing costs in Bactylan enteric-coated granules and tablets of para-amino-salicylic acid. The new prices take effect on April 16.—ROBINSON & SONS, LTD., Wheat Bridge Mills, Chesterfield, gave effect on April 2 to new prices for Mene and Menex sanitary towels.—TAMPAX, LTD., 110 Jermyn Street, London, S.W.1, state that, by arrangement with the Central Price Regulation Committee, new prices (the first increase in ten years) became effective on April 5 for regular and super-absorbent Tampax; the manufacture of Tampax 40's is being discontinued.—PROMEDICO PRODUCTS, LTD., 21-22 Turle Road, London, N.4, announce price increases for Promol moth rings, junior and standard sizes.—POLYPHARMA LABORATORIES, LTD., Mount Pleasant, Alperton, Wembley, announce that Synergon is now exempt from tax.

**PROPRIETARY ARTICLES
TRADE ASSOCIATION**

Alterations to Protected List (Part 1)

(I.R.P.=Inclusive retail price)

Product	Doz.	Tax	I.R.P.
	s. d.	%	s. d.
<i>J. L. Bragg, Ltd.</i>			
Medicinal charcoal B.P.C.			
1934 biscuits . . .	19 9	Nil	2 1
	36 3	Nil	3 10
	66 3	Nil	7 0
<i>The Cicfa Co., Ltd.</i>			
<i>Correction</i>			
Cicfa tablets, large size . .	29 6		
<i>Dinneford & Co., Ltd.</i>			
Dinneford's magnesia tablets	13 3	33 $\frac{1}{3}$	1 9
<i>Falconer & Co., Ltd.</i>			
Falconer's golden compound	17 6	33 $\frac{1}{3}$	2 5
Prices in Northern Ireland . .	18 0	33 $\frac{1}{3}$	2 5
Prices in Irish Republic . .	21 9	Nil	2 6
<i>Parke, Davis & Co.</i>			
Analgesic balm . . .	18 0	33 $\frac{1}{3}$	2 9
Capsolin . . .	16 0	33 $\frac{1}{3}$	2 5
Shaving stick Dermaseptic			
refills . . .	12 0	33 $\frac{1}{3}$	1 10
<i>Parkinsons, Ltd.</i>			
Kilkof . . .	11 6	33 $\frac{1}{3}$	1 8
<i>Allen & Hanburys, Ltd.</i>			
Allenburys castor oil 4 fl. oz.	19 6	33 $\frac{1}{3}$	3 0
8 fl. oz. . .	36 0	33 $\frac{1}{3}$	5 6
Allenburys cod liver oil			
emulsion . . .	16 fl. oz.		
<i>Eli Lilly & Co., Ltd.</i>			
Merthiolate cream, No. 1,			
1-oz. . .	18 0	Nil	2 3
" jelly, No. 6, $\frac{1}{2}$ -oz. . .	14 0	Nil	1 9
Ointment, No. 59 . . .	18 0	Nil	2 3
Ophthalmic ointment, No. 31,			
1 dr. . .	14 0	Nil	1 9
Metycaine ointment, No. 63,			
$\frac{1}{2}$ -oz. . .	32 0	Nil	4 0
Ophthalmic ointment, No. 32,			
1 dr. . .	16 0	Nil	2 0
Metycaine and Merthiolate			
ophthalmic ointment, No.			
35 . . .	1 dr. . .		
Hamamelis compound oint-			
ment, No. 30 . . .	1-oz. . .		
<i>Miles Laboratories, Ltd.</i>			
Alka Seltzer . . .	22 0	Nil	2 9
	12 7	33 $\frac{1}{3}$	1 9
	25 2	33 $\frac{1}{3}$	2 6

Alterations to Protected List (Part 2)

<i>Stemco, Ltd.</i>						
Flit aerosols 6 oz., in 2 doz.						
outers	59	0	Nil	6	9	
12 oz., in 1 doz. outers	110	0	Nil	12	6	
<i>M. Beetham & Son</i>						
Larola, 3 oz.	16	8	100	3	6	
" 6 oz.	29	0	100	6	0	
<i>Benger Laboratories, Ltd.</i>						
Benger's food, size 0 .. .	26	5	Nil	2	9	
" " size 1 .. .	45	7	Nil	4	9	
" " size 2 .. .	81	7	Nil	8	6	
" " size 3 .. .	177	7	Nil	18	6	
<i>Pinaud, Ltd.</i> Hair lotions :-						
Eau de Quinine, sprinkler,						
No. 2690	25	4	100	5	3	
No. 2702	45	8	100	9	6	
Non-sprinkler, No. 2726 .. .	86	4	100	18	0	
Eau de Portugal, sprinkler,						
No. 2724	25	4	100	5	3	
No. 2725	45	8	100	9	6	
Non-sprinkler, No. 2594 .. .	86	4	100	18	0	

THE WEEK IN PARLIAMENT

By a Member of the Press

COLONEL O. E. CROSTHWAITE-EYRE asked **MR. HAROLD WILSON**, on April 5: In view of the low delivery of sulphur compared with what we want in the first quarter, is the figure of 19,000 tons to be taken as an advance on what we are to receive from the U.S.A. in the second quarter, and as having nothing to do with the possible increase required in the first quarter. **MR. WILSON**: We all hope that this figure will be 19,000 tons in addition to the figure of 81,000 tons asked for from the U.S.A., but although we have made many representations and asked for more information for industry in order to know where it stands, we have still had no confirmation of that.

MR. C. B. DRAYSON asked: Is the Minister aware that sulphur chemicals are available on the Continent, but that the 33½ per cent. *ad valorem* duty makes the price prohibitive? Will he discuss this matter with the Treasury to see if, while the shortage exists, the duty can be waived? **MR. WILSON**: Many manufacturers in Britain have been buying sulphur and other products at four or five or six times the American price, so I would not have thought that the duty would stand in the way of importation.

Maximum Prices

MISS F. E. BURTON asked the President of the Board of Trade on April 5 if, in fixing maximum prices for goods and materials, he would make regulations to ensure that all goods offered for sale bore price labels and that the prices shown were clearly stated to be maximum and not minimum prices. **MR. HAROLD WILSON**: No. Certain kinds of goods must already be marked with their maximum prices, but individual marking of maximum goods would be very burdensome and would add appreciably to retailers' costs.

MR. R. G. PAGET asked whether the Central Price Regulation Committee had completed their review of price controls which had been removed and whether he could make a statement on the position. **MR. WILSON**: The Central Price Regulation Committee have now reviewed most of the price controls over consumer goods other than food which have been removed since 1945. The Committee have reported that, in general, price increases since decontrol have not been excessive having regard to

Gallery, House of Commons

rises in raw material prices and other costs. In the case of certain classes of goods, however, they have reached the conclusion after consideration of all the circumstances, that it will be necessary in the near future to reintroduce price control either on a statutory or on a voluntary basis. I am now taking steps to give effect to their recommendation. **MR. WILSON** later added that the classes of goods in respect of which the Central Price Regulation Committee had recommended that price control either on a statutory or on a voluntary basis should be introduced included brushes not normally fitted by trade craftsmen; surgical dressings; toilet paper and other essential paper goods. Discussions were taking place or would shortly commence with the trades concerned as to the most suitable form of control.

Chemists' Accounts

MR. M. REDMAYNE asked the Minister of Health on April 5 the average delay in final settlement of chemists' accounts at June 30, 1949; December 31, 1949; June 30, 1950; December 31, 1950 and today's date. **MR. ARTHUR BLENKINSOP** (Parliamentary Secretary to the Ministry of Health) replied: Four, six, seven and a half, eight and a half and nine months respectively. **MR. REDMAYNE**: Is that not far too long?

MR. BLENKINSOP: We regard nine months as far too long and we are doing what we can to reduce it. **MR. L. W. JOYNSON-HICKS**: Is the Minister satisfied with this increasing trend? Cannot he reverse it?

MR. BLENKINSOP: We are far from satisfied, and are taking every step open to us, particularly by trying to open more premises in which the Joint Pricing Committee can work. We are quite sure that the position will improve. **MR. BLENKINSOP** told Mr. Redmayne that chemists were paid monthly on account 90 per cent. of the estimated value of the prescriptions dispensed by them in the previous month.

MR. REDMAYNE: Does the Parliamentary Secretary realise that even if 90 per cent. is correct he has the use of some £1 million of chemists' money a year without interest. **MR. BLENKINSOP**: We make supplementary payments in addition to the 90 per cent. to give relief in difficulties which may arise where cases are brought to our notice. We do not think that the chemists are handicapped.

NEWS IN PICTURES



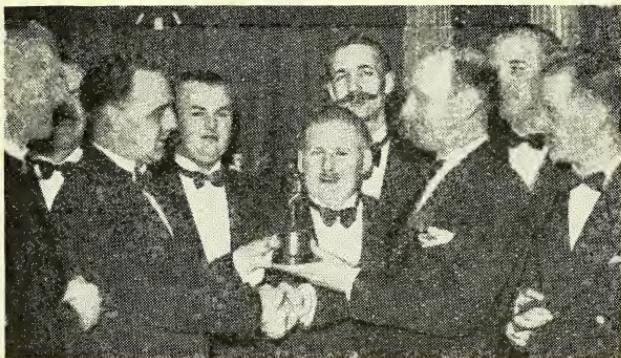
Top of page : Group photographed at recent annual dinner of the golf section of the Glasgow Pharmacy Club.

At left : Members of the Harrow Branch, Pharmaceutical Society, inspecting cultures in an incubator in the bacteriological department, Glaxo Laboratories, Ltd., Greenford, during a tour on March 14.

Below : Trophy for best salesman of the year being presented to Mr. G. R. Capper (Lancashire representative of Ortho Pharmaceuticals, Ltd.), at a recent sales conference of the company.



Dr. Charles H. Best (left) (co-discoverer of insulin) and Dr. Sidney Smith (University of Toronto) at unveiling recently of a bronze bust of Sir Frederick Banting at the University (p. 483).



Mr. R. O. M. Edenborough (Bayer Products, Ltd.), relaxing at the Temple of Poseidon, nr. Athens, during a business tour of Greece.



Messrs. C. F. Walton (chairman, Chester Branch, Pharmaceutical Society), A. A. Meldrum (president of the Society), H. Humphreys Jones (principal, Liverpool School of Pharmacy), the mayor and sheriff of Chester and others at a recent dinner of the Branch.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held in London on April 3 and 4, the president (Mr. A. A. Meldrum) in the chair.

THE REGISTRAR reported that since the previous meeting sixty-three persons had been registered as apprentices or students; applications from seven persons for restoration to the register were approved, as were six applications for registration under reciprocity agreements.

The following nominations for election as members of the Council had been received and all had agreed to stand for election in May. Messrs:—

BENJAMIN, WILLIAM SIDNEY, Chertsey.

BUBB, STANLEY GEORGE, Reading.

CONNOLLY, FREDERICK HENRY, London.

DEACON, WALTER, Bridgwater.

DOWTY, JOSEPH MASTERS, Southampton.

GRIFFITHS, EDWARD TREFOR, Cardiff.

HINCHCLIFFE, GEORGE, Dukinfield, Ches.

HOLLOWELL, WILLIAM SPENCER, Richmond.

MCNEAL, JAMES FALLOWS, Little Chalfont, Bucks.

MELDRUM, ADAM ALEXANDER, Aberdeen.

ROBINSON, ERIC, Shipley.

STOKES, WILLIAM EWART, Ewell.

WILLIAMS, BASIL ALLEN, Brentford.

WILSON, FRANK CLAY, London.

The following had accepted nomination as auditors:—Sir Harry Hague, London; Mr. John Capel Hanbury, Ware, Herts; Mr. James Stuart Hills, London; Sir Harry Jephcott, London, and Mr. Ernest Albert Umney, London.

Territorial Representation

A resolution received from the Scunthorpe Branch suggesting that the Council should cause the question "Are you in favour of some form of territorial representation?" to be added to the ballot papers for the May election was not accepted.

The Council decided to send a letter of thanks to the *Ordre des Pharmaciens de France* for the gift of a copy of the new French Pharmacopœia; it had been placed in the Society's Library.

Advertising of Dispensing Services

A note embodying views and proposals of the Council on the subject of the advertising of dispensing services, for submission by the chairman to the Annual

General Meeting on May 16, was approved. It was worded as follows:

1. "That this annual general meeting support the policy expressed in the Statement on Matters of Professional Conduct that dispensing services should not be advertised and to remove any ambiguity in its wording approves the following wording to replace the existing wording in the Statement dealing with the advertising of dispensing services:—⁷ '7. Advertisements to the public should not refer to dispensing services, provided that this shall not apply to the exhibition at any premises of the description "Dispensing Chemist" or to a notice stating that dispensing is carried on there. Any such description or notice should be of no greater size than will serve to identify the premises as a pharmacy.'

2. "This annual general meeting further calls upon all members of the Society to take care to avoid any action which might be construed as advertising of dispensing services and either individually or in co-operation to provide a dispensing service which will remove any ground for the claim that any form of advertising of dispensing service by pharmacists and 'authorised sellers of poisons is necessary in the public interest.'

New Draft Constitution

A series of suggestions by Branches and by individual members for amending the draft constitution of the Society were considered by the Committee who recommended that the Council accept a suggestion that the number of members necessary to convene a special general meeting be left at thirty; but to make no recommendation regarding the others. The Council adopted the recommendation. The Committee considered a branch resolution suggesting that a branch should undertake to obtain and pay a locum to enable any member elected by the branch to attend business meetings such as the Branch Representatives' meeting.

On the committee's recommendation the Council decided against the proposal but explained that it was open to any branch to assist financially in a general way the attendance of a member at a meeting.

Branch Dissolved

It was stated that the North East Metropolitan Branch had been inactive for many years. A recent meeting of the Branch called to consider its future failed to revive the interest of the members and the Branch was accordingly formally dissolved.

Schools Approved

On the recommendation of the Education Committee, approval was given to

the Liverpool College of Technology for the purpose of providing a two-year final course for the Society's Qualifying examination, commencing in the autumn. Approval was also given to the Bristol College of Technology for the purpose of a two-year final course for the Qualifying examination commencing in the autumn.

The report of the Privy Council visitor (Dr. G. Roche Lynch) on the Society's examinations held in England and Wales during 1950 was received. The following statistics are taken from the report:—

958 candidates were examined in the Intermediate examination of whom 396 passed and 312 were referred. Nearly 60 per cent. of the candidates failed in biology. In the Chemist and Druggist Qualifying examination 483 candidates were examined of whom 233 passed and ninety-nine were referred. Pharmaceutics caused the greatest number of rejections (146 out of 402). In the Pharmaceutical Chemist Qualifying examination 170 candidates were examined of whom ninety-five were successful and thirty-two were referred. The highest number of failures was in pharmaceutical chemistry.

The following are to be invited to act

FRANCO-BRITISH PHARMACEUTICAL CONGRESS

THE second meeting of the Franco-British Pharmaceutical Commission was held in London on March 17. The French delegates were Messrs. Frank Arnal (president, *Ordre National des Pharmaciens*), Morice Gaudin, Professor Guillot and Mr. M. Laurent (secretary). The English representatives were Messrs. D. W. Hudson and F. C. Wilson, Dr. S. M. Rowson and Mr. H. N. Linstead (secretary).

Draft Programme

MR. D. W. HUDSON, who presided, submitted a draft programme for the congress to be held at Brighton, May 18-21. Included were an informal dinner on May 18, meetings and a banquet at the Royal Pavilion on May 19, a coach trip to Worthing on the morning of May 20, the closing session in the afternoon, and an informal dinner in the evening. All the French delegates and as many British delegates as wish may be accommodated in the Hotel Metropole, where accommodation has been reserved for 100 visitors. The Brighton School of Pharmacy is to be open for inspection, and the civic authorities of Brighton are offering certain facil-

ties as examiners for the Scholarships examination for 1951:—Botany, Dr. W. O. Howarth; chemistry, Mrs. E. Kassner; pharmacy, Mr. E. Thorpe; English essay, Mr. W. F. Wilkinson; languages, Dr. P. Ackroyd; business methods, Dr. E. W. Skyrme; and the following as examiners for the Council prizes examination for 1951:—Pharmacognosy, Dr. T. E. Wallis; pharmaceutics, Professor H. Berry; physiology, Professor R. J. Brocklehurst; pharmaceutical chemistry, Dr. F. Hartley.

Festival of Britain Exhibit

The report of the Establishment Committee stated that the curator and the librarian had been asked to arrange during the Festival of Britain a display of drug jars and other items of historical interest.

THE CHAIRMAN said it was hoped that the Council room and the library at 17 Bloomsbury Square might be available for that purpose.

Notification was received of a legacy of £500, free of duty, from the late Mr. F. T. Bowen, Wimbledon, for the Hills Orphan Fund. A number of grants from the Benevolent and War Aid Funds were approved.

ties. Arrangements for the visit to Worthing are in the hands of the Worthing Branch of the Pharmaceutical Society. Tickets for the Congress (£4 4s. each) cover all Congress costs except hotel expenses. Applications from British pharmacists should be sent to the Secretary, Pharmaceutical Society, 17 Bloomsbury Square, London, W.C.1, as soon as possible. On receipt of applications, printed forms will be forwarded for completion and return by May 4. Unless otherwise requested, accommodation will be reserved at the Hotel Metropole at 25s. a night.

The Commission also discussed arrangements for an English and a French professor to tour certain British and French schools of pharmacy; the exchange of children, for which some thirty applications had been received from each side of the Channel (the two Societies will accept responsibility for certifying the standing of the families, but the "matching" of the children is to be entrusted to the Modern Language Association in Britain and the corresponding society in France); the exchange of publications; and the reciprocal recognition of diplomas and qualifications.

ASSOCIATION OF PHARMACEUTICAL INDUSTRY

"THE pharmaceutical industry has a good record, of which it can be proud," said the Minister of Health (Mr. H. A. Marquand) in proposing the toast of the industry at the annual dinner of the Association of British Pharmaceutical Industry, held in London on April 4, the president (Mr. J. C. Hanbury, M.A., B.Pharm., Ph.C., F.R.I.C.) in the chair.

Industry's Importance Recognised

The Minister said he had learned the importance of the industry during his tenure of office as Secretary for Overseas Trade. From 1937 to 1939, exports of drugs and medicines had been valued at £4 millions. In 1945 the figure was £6½ millions, and it had gone steadily up until in 1950 it was £23 millions—six times the pre-war level. Admittedly prices were now higher, but the amount represented nevertheless a considerable increase in volume. In fact, while imports of drugs from dollar areas had doubled, exports had increased six times in value, and the industry had also assisted the nation to save dollars by expanding its exports to the Dominions and Colonies. Not only had it met that call but it had expanded production to meet a greatly increased home demand, so that its output today was nearly three times as great as in 1937, with 4·5 times the output of insulin (7·8 times its value), a penicillin production doubled each year at falling prices, 2½ times as much streptomycin in 1950 as in 1949, and so on.

How much the industry deserved the appreciation of the nation was shown during the influenza epidemic in January, when 28½ million prescriptions were dispensed against a normal annual rate of 80 millions. That was an increase not due to a sudden spurt in advertising, and he understood what it had meant in efforts by staffs. "I hope you will convey my appreciation to them when you go back," said the Minister. His Department held in particular esteem the work of research and development carried out by manufacturers. Yet it would be humbug to pretend that everything in the garden was lovely. Mr. Marquand said he could not sit down without an allusion to the problems of the industry, which he hoped they would face together. The first was the shortage of certain raw materials; the second the demands of rearmament; the third the rising costs of the National Health Service; and the fourth a certain

amount of waste under N.H.S. and perhaps a tendency to "competitive prescribing." Mr. Marquand concluded with a tribute to Mr. Hanbury, the bearer of a "distinguished and even household name," whom he formally invited to continue as a member of the Standing Pharmaceutical Committee, the membership of which was now under review.

In reply to the toast, MR. HANBURY said that, while he could not deny that the National Health Service was uppermost in the minds of members of the Association, they would not wish him to choose that occasion to make weighty statements or engage in controversy. Instead, he proposed to deal with certain aspects of the history of suppliers of drugs. In the Middle Ages the supply of drugs was mainly the concern of the Grocers Company, which included those who later became apothecaries. Gradually the apothecaries became more ambitious, and they increasingly prescribed as well as supplied drugs. Bad blood developed between them and the physicians, who began to employ dispensers, and the dispensers came to be chemists and druggists—now doomed to extinction under the educational changes effected by the Society's Council.

Bedrock on Which Pharmacy Rests

Today, many medicines, in order to be made economically, had to be made on a large scale. It followed that manufacturing pharmacists were now the bedrock on which the profession of pharmacy rested. The initiative in discovery rested largely upon the industry, and the industry would never be found wanting in playing its proper part in the National Health Service.

MR. E. G. GROSS proposed "The Guests," and SIR HENRY COHEN, M.D., F.R.C.P., LL.D. (president of the British Medical Association and chairman of the "Cohen Committee") responded. Sir Henry said the problem in the National Health Service today was to try and prevent abuse, but anything that reduced the potentialities of research was to be avoided. The Committee of which he was chairman was activated by the principles that the patients' needs must be met within the economic structure of the Service; that the least costly drugs that were quite effective must be found; and that patients' own demands ought not to decide the medicine they received, though that practice was not so serious as had been made out.



The Association's annual dinner is probably the most comprehensive annual gathering of pharmacy and the drug trade. The picture shows only a proportion of the tables.

Annual Meeting

The annual meeting of the Association was held in London on April 4, the president (Mr. J. C. Hanbury) in the chair. There were present 116 representatives of twenty-three member and associate firms. The annual report and the accounts and balance sheet were adopted. The result of the postal ballot for the election of four members of Council was announced as follows:—Mr. R. K. Allen (Stafford Allen & Sons, Ltd.); Sir Harry Jephcott (Glaxo Laboratories, Ltd.); Mr. C. A. O. Rideal (May & Baker, Ltd.); Mr. L. D. Smith (Sangers, Ltd.). Certain alterations to the rules of the Association were passed. In discussion on the annual report, the question was raised of giving publicity to the achievements of the industry, and the constitution of a publicity committee, working under the general guidance of Council, as approved.

Annual Report

THE twenty-first annual report of the Association was presented to members at the annual meeting. The report describes the serious situation which has developed over recent months through the severe curtailment of exports of sulphur from the United States." Discussions had been ar-

ranged with the Ministry of Health, and a survey made of uses and future requirements of manufacturers of sulphur and sulphuric acid. Manufacturers had found their allocations of sugar and glycerin inadequate to meet the winter demand made heavier by influenza, and the Ministry of Health had co-operated in arranging for supplementary allocations. There had been a demand in the Association for some sort of composite publicity to bring home to the public the achievements, particularly in research, of pharmaceutical private enterprise. The best method, it was felt, would be to show the "immensely valuable contribution made by the industry to the national way of life." Renewed efforts had been made towards the removal of drugs and medicines from the sphere of purchase tax.

Exports to Canada, the United States and Iran had greatly increased. The Board of Trade had affirmed that the export interests of the industry were always taken into account during trade negotiations. Efforts had been made to bring about the inclusion of new headings and other amendments in the drug sections of the Customs and Excise Export List. The suggestions made by the Association had been, with only two exceptions, adopted.

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VOL. CLV APRIL 14, 1951 No. 3712

Rearmament Budget

In the country's economic difficulties as seen by the Chancellor of the Exchequer and reviewed in his Budget speech, the burden of rearmament is aggravated by two other factors which even acting alone might have rendered any remission of tax unlikely. They are the rising level of world prices and the world shortages of many important raw materials. In the actual position, therefore, the amount to be found in taxation in 1951 is so heavy that, with few exceptions, all the Budget changes in taxes are in an upward direction, and there are various devices to reduce the home trade in consumer goods in any industry (i.e., principally engineering) that might otherwise have competed with armaments production. The chemical industry is not directly penalised, though it will share with others the "disincentives" to distribute profits ("The Times" calls the new rate of profits tax "destructive") or replace plant, will find its road transport costs sharply raised by the 4½d. per gallon on petrol and will, again like others, be absolved from any expectation that its export total for the year shall be increased at the same rate as in recent years.

Purchase tax changes are few, severe, and applied in the motor-car, domestic appliance and radio—not the chemical—fields. In fact, one of the few remissions of tax is in the druggists' sundries trade: on hot-water bottles. Industry will doubtless benefit from the increased labour made available if the incentive to the old to remain longer at work proves effective in its

purpose. The problem of making longer hours attractive to workers has, however, not been tackled (rather the reverse, in fact, since the standard rates of income tax are increased by sixpence in the £1) though the Chancellor may consider that the higher allowances for wife and children will perform much the same function.

The once-threatened "shilling on the prescription" under the National Health Service is as far off as ever, but as the N.H.S. "ceiling" has been set at £400 millions—a figure below the amount that would result if the present rate of increase were endorsed—something has had to be cut, and what has been sacrificed is dentures (½-cost to be paid by the patient) and spectacles (¼-cost to be paid by adults receiving them).

As the Chancellor has said: "We have got to rearm, and we have got to pay for it." The Budget is therefore tough, not popular—least of all in industry.

Employees on Pharmaceutical Committees

THE right of employees to representation on Pharmaceutical Committees is a privilege which, like universal suffrage, one would expect to be jealously guarded. It is also a right that is meaningless unless exercised by its holder.

In order to give practical effect to the principle of representation it is obviously necessary that the authorities should have available an electoral register, and that is now in process of compilation for each Executive Council area (see *C. & D.*, April 7, p. 439). The opportunity is thus present for employee pharmacists to show the reality of their interest in the pharmaceutical services under the National Health Service by each seeing that his or her name is duly inscribed on the electoral roll for the area in which he works (not lives). To do this he must apply to the returning officer for inclusion of his name on register B. In the Pharmaceutical Committee areas of Blackburn, Carlisle, East Ham, Grimsby, Huddersfield, Isle of Ely, Reading, Smethwick and Wiltshire—and in Scotland—it is necessary for him to find out who the returning officer is (in some areas the name

of the returning officer may not yet have been announced) and make written application to him. In all other areas the returning officer is Mr. H. Noble, Ph.C. (secretary, National Pharmaceutical Union), to whom application should be made immediately by employee pharmacists in those areas. The method applicants are asked to follow is to use a postcard, addressing it to the "Returning Officer, Pharmaceutical Committee Election, 4/5 Queen Square, London, W.C.1" and giving the following information: Name in full in block letters; Pharmaceutical Committee area in which employed; name of contractor (or hospital) and address at which employed; private address and Pharmaceutical Society registration number. The preparation of the lists and issue of nomination forms and voting papers involves considerable work, and intending voters are asked to apply early and in any case not later than April 30.

Taxation of Trade Profits

AFTER eighteen months' examination of proposals put forward by industry and commerce for changes in methods of computing trade profits for income and profits tax purposes, the Tucker Committee's report on Taxation of Trading Profits was published on April 6 as a White Paper (H.M. Stationery Office, 3s. 6d.). Recommendations include proposals that allowances for depreciation should be given for commercial buildings, shops, offices, etc., instead of being confined as at present to industrial plant and buildings—the Committee recommends that the shopkeeper should "be entitled to write off any expenditure on a shopfront which he was not allowed to deduct as revenue expenditure." At present no allowance is made for first installing a shopfront, but cost of replacement may be deducted to the extent that it does not represent an improvement. It is considered that no change is required in the present law relating to the opening of an additional shop by an owner of a business. Each case should be determined, as at present, on the circumstances.

In assessing tax no changes should be made from the present practices of taking the preceding year's profits; and that business losses should be carried forward with-

out time limit, or spread back over three years at the winding-up of a business. On the subject of leases, the Committee recommends that premiums should be allowed, subject to taxation of the recipient, while another proposal is that taxpayers should be able to elect that their surtax be computed after averaging business income over five years. It is recommended that, on a change in the constitution of a partnership, the cessation and commencing provisions should be applied unless all members elect that assessments should continue to be on the normal preceding-year basis. Continuing partners should be allowed to carry forward their share of any loss or capital allowance for which relief has not been given. Where there is a change in the basis of allocation of profits the cessation provision should apply only if there is a formal dissolution followed by the creation of a new partnership.

The Committee takes the view that a co-operative society's dividend should be regarded as an ordinary trade discount to customers, and that the full amount should be deducted in computing the society's profits. Representations had been made that the rule under which a dividend is allowed as a deduction in computing a co-operative society's profits should be modified so as to bring into charge that part of the dividend which consists of profits received from transactions with non-members of the society.

An Unnecessary Hazard

YET again the use of a wrong gas cylinder for medical anaesthesia has caused a fatal accident (p. 458), and again the jury at the subsequent inquest has made a plea for the plainer marking of cylinders. So recently as March 10 we drew attention to the apparent procrastination in attending to the vital need for a revised system for cylinder identification. In the intervening month nothing has been released concerning the fate of the provisional international agreement said to have been reached between Britain and the United States. It is evident that all concerned must continue to press for speedy action to eliminate, so far as humanly possible accidents from so elementary a mistake.

CORRESPONDENCE

Letters may be sent for publication under an assumed name, but the correspondent must furnish his real name and address to the Editor

Duplication of Proprietaries

SIR.—We have today dispatched the following letter to organisations which we believe will be interested in the matter. We would welcome the views of any other individuals or organisations among your readers.

I enclose a report of a meeting of the Association of Glasgow Pharmacists on the subject of duplication of proprietary medicines. A committee, suggested in the report, has been set up and has decided, in the first instance, to contact our organisation for your opinion. We feel that this duplication and imitation of proprietaries presents a problem to manufacturer, distributor and prescriber alike. We envisage a controlling body of doctors, chemists and laymen to "vet" existing and any new proprietaries as to their efficacy, therapeutic advancement and originality of concept. The considered views of your organisation would be of assistance to us and would be greatly appreciated.

DAVID R. BRODIE, *Secretary.*

Association of Glasgow Pharmacists,
Glasgow, C.3.

Conference Science Papers

SIR.—The annual meeting of the British Pharmaceutical Conference for 1951 will be held in Harrogate from September 10 to September 14, inclusive. The usual science Sessions will be held for the reading and discussion of papers, and we shall be glad to receive communications from research workers on subjects of pharmaceutical interest. It would be helpful if those who propose to contribute a paper could let us know the title as soon as possible. The last date for the receipt of manuscripts is July 2. Contributions accepted for the Conference will be published in the "Journal of Pharmacy and Pharmacology," and authors will be entitled to a limited number of reprints. Papers should be as concise as possible and maximum of 4,000 words is suggested. In order to ensure adequate time for the reading and discussion of all papers submitted the time in reading each paper must be limited. Authors are accordingly asked to submit with their manuscripts a *résumé* of their contribution not exceeding 100 words and to present their paper to the Conference by reading this *résumé*. By courtesy of the Editor of the "Journal of Pharmacy and Pharmacology," duplicated copies of each paper, in full, will be available as usual before the Conference meets.

The details of the programme and the arrangements for booking hotel accommodation will be published shortly.

H. TREVES BROWN

H. G. ROLFE

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Pharmacy Ignored

SIR.—On looking at my "Radio Times" on March 19, I found on the front page the announcement "The National Health Service, taking stock on Thursday." Naturally my interest was aroused and I immediately looked at Thursday's programme. I there read "9.15 p.m. Taking Stock: What shall we do about the National Health Service?" On going through the names of those taking part in the discussion, I found no mention of a chemist, but did find a reference to "determined medical men." Was the chemist, determined or otherwise, of no account? I contacted the B.B.C. and was finally put through to the producer, by whom I was told that the programme would include the views of all those connected with the scheme. After pressing the point I came to the conclusion that the organised body for contractors had not been approached. I telephoned the National Pharmaceutical Union and my fears were confirmed. They did not know that such an important discussion was taking place. My own critical views of the scheme were apparently not shared. Instead, the impression I gained was that most contractors were reasonably satisfied with their remuneration. This rather shook me, as I myself have yet to meet one who is satisfied. My contention is that at 16 per cent. oncost there is no profit, but a loss, and a loss also on the container allowance. The only benefit I can see is from the dispensing fees. The reaction from the B.B.C. shows how little pharmacists matter in anything connected with N.H.S. Yet we are a vital link in the scheme. Surely we may expect our negotiating body to make itself heard on these occasions.

PERPLEXED.

Sulphuric Acid Price.—The Board of Trade announces that the maximum price of "weak" sulphuric acid has been increased by 27s. 6d. per ton and not as previously stated (see *C. & D.*, April 7, p. 426).

PHARMACY AS AN ADMINISTRATOR SEES IT

By F. F. Marchbank

FIRST the war, and more recently the National Health Service, have contributed to bring about a revolution in the outlook of the Ministry of Health on pharmacy. Until 1939 the Department's interest in pharmaceutical matters hardly extended beyond the chemist's dispensing fee for mist. ammon. chlor. That settled, to the satisfaction of the Department if not of the chemist, there were no more problems left to solve!

The war stirred things up. Shortages of important ingredients made necessary the modification of formulas and the issue of substitution orders. Purchase tax, and limitation-of-supplies Orders, created a host of borderline preparations needing classification as medicines or toilet preparations, a task not made easier by the continual variation of formulas to secure favourable classification.

Matters for the Ministry

The Finance (No. 2) Act, 1940, authorised the exemption from purchase tax of "essential drugs of an exceptionally costly character," and a series of Treasury Orders have been issued exempting a wide range of expensive drugs and medicines. The Finance Act, 1948, made possible the exemption of preparations in the British Pharmacopoeia, British Pharmaceutical Codex, and National Formulary, when sold under their official title without trade mark, or even—if in a dispensing pack—with trade mark. The tendency of recent exemption Orders has been to put more emphasis on essentiality and less on costliness. Currency and shipping difficulties made it imperative to limit the importation of non-essential drugs, particularly from hard-currency areas. Means had to be found to exempt medicated soaps from soap rationing; to define the medicated sweets that should be off personal points; and to fix the datum percentages of sugar allotted to various pharmaceutical purposes. In all these and many other matters

the Ministry of Health was either the Department primarily concerned, or had to give guidance to other Departments.

During the past ten years the Therapeutic Substances Regulations have undergone transformation. Originally the Act dealt in the main, with sera, vaccines, etc., but the Regulations now cover penicillin, streptomycin, blood products and complex chemicals such as BAL and *d*-tubocurarine chloride. It is a moot point whether the Act as originally conceived is now altogether appropriate to the control of these substances, which are largely the products of the research departments of pharmaceutical houses.

New Fields of Interest

With the passing of the National Health Service Act it became clear that the Department would have to interest itself in fields of pharmacy quite new to it, notably hospital pharmacy and the pharmaceutical servicing of health centres. Sooner or later State control of hospitals is bound to bring into prominence the question of central buying, a matter calling for careful handling if harm is not to be done to the industry, to research, and to the export trade.

Recent progress in chemotherapy, resulting in the introduction of the sulphonamides; of penicillin, streptomycin, chloramphenicol and other antibiotics; of Paludrine, pethidine, and *p*-aminosalicylic acid—many of them requiring large and expensive plant for their production—has brought into prominence a phenomenon which, though known to medicine before, was of little importance, namely, the breeding of resistant strains of bacteria. That necessitated the passing of the Penicillin Act, 1947, to restrict the retail sale of penicillin to prescription, and so prevent self-medication. The provisions of the Act have subsequently been extended to streptomycin, and will, in all probability be extended to other antibiotics.

All the developments enumerated are inevitably making the Ministry more pharmaceutically minded, though in 1947 it was still possible for the Department to issue to Regional Hospital Boards important memoranda dealing with medical dental and nursing staffs but making no mention of pharmacy or pharmacists—unless, indeed, the latter were included among "other medical auxiliaries."



During the past eighteen months the high cost of the National Health Service has overshadowed everything else, and there is a possibility that the long-term effect on pharmacy of economy measures may be overlooked at high political levels, where technical experience is lacking: for example, that central purchase of drugs will become regarded purely from the aspect of securing the cheapest market, without regard to its effect on the future of the industry, on research, and on exports. Similarly there is a danger that the measures springing from the recommendations of the Cohen Committee may be framed in too narrow a spirit and impose a severe handicap on the industry. Even from a purely medical angle, is regimentation of prescribing desirable? Surely a healthy and progressive pharmaceutical industry is vital to the future development of N.H.S.

Machinery of Decision

It may be asked what part the Department's technical advisers play in all this. The Civil Service theory is that responsibility for administrative decisions rests with a lay administrator, acting on the advice of technical officers. In this respect Britain differs from most other countries. Of course, when a technical officer expresses an opinion on a purely technical matter, no administrative officer would presume to question him. In practice, however, it is difficult to draw a hard-and-fast line, and to say "this is administrative, and that is technical." Nearly all pharmaceutical matters handled by the Department involve not only administrative and pharmaceutical consideration, but often also medical, financial and legal. The administrative officer, faced with conflicting claims, may decide on a course of action which, viewed solely from the technical angle, he would have preferred to avoid. In particular, it is difficult to resist the "big stick" of the Treasury when economy is in the air. At times there is pressure from medical men for measures unwelcome to pharmacists, and *vica versa*.

In these times of increasing complexity of the machinery of Government there are even more experts whose views may have to be considered by the Department. The Treasury has set up expert branches to advise on the application to administration of modern business methods. One such branch is known as "Organisation and Methods," another as "Training and Education." It is a nice point how far

Treasury experts are competent to express opinions of value on matters so far removed from their administrative experience as the pricing of N.H.S. prescriptions.

In addition to his own technical staff the Minister has another source to which he may look for guidance — the Central Health Services Council and the Standing Advisory Committees. These, in turn, may appoint subcommittees and joint committees to report on special matters. On the Central Council there are two pharmacists. The Pharmaceutical Standing Advisory Committee consists of fourteen members, and in addition to its own hospital subcommittee it has representation on (a) the Cohen Committee on Prescribing on Form EC10; (b) the Joint Committee on the Definition of Drugs; and (c) the Health Centres Committee. It has no representative on the Hospital Administration Committee of the Council — a curious oversight having regard to the importance of pharmacy in the hospital service.

The Central Health Services Council and the Advisory Committees are independent statutory bodies, which may consider and report not only on matters referred for advice by the Minister, but also on any subject they think desirable. Generally speaking, matters more suited for direct negotiation between the Department and the representatives of a particular profession are regarded as outside the sphere of the Advisory Committees.

Rôle of Secretaries

The Council and the Advisory Committees are provided with secretaries by the Department, and officers of the Department concerned with the subject matter under discussion may, by permission of the Council or Advisory Committee, attend as observers. That system has worked well so far, and it has not yet been necessary to determine whether the officer acting as secretary should be regarded — when so acting — as (a) the Departmental watch-dog whose duty it is to steer his Committee along the line desired by the Department; or (b) the servant of his Committee, carrying out its instruction and giving the advice he thinks best irrespective of whether or not such advice be pleasing to the Department. It is too early fully to assess the value of this advisory system, as many of the problems are still "in the machine." But it may be said that the Council and its Advisory Committees have proved far more live and active than earlier consultative bodies.

PHARMACEUTICAL STUDENTS' CONFERENCE

THE ninth annual conference of the British Pharmaceutical Students' Association opened in London on April 2, when Professor H. Berry (Dean of the School of Pharmacy, London University) gave an address welcoming members to "what is usually regarded as the ancient home of British pharmacy: No. 17 Bloomsbury Square." He apologised for the reduced amenities resulting from "alterations, dilapidations and spring-cleaning," and looked forward to the day when the Conference could be entertained at Brunswick Square.

Training for the Retail

The main theme of the Conference, he noticed, was pharmaceutical education, a topic there was little likelihood of exhausting. Pharmacy was an extensive subject, with wide ramifications, but one of its characteristics was that it offered many opportunities and catered for diverse tastes. The various branches of its practice were extending rapidly and becoming specialised fields, and he thought individual training for those specialised fields was bound to come. One field, which he considered most important, they had chosen for discussion, namely the needs of retail. Retail pharmacy had changed rapidly. Side by side with an increase of technical knowledge had gone a decrease in the demands made upon technical skill in the shop. A gradual shedding of the load to manufacturers should be understood; it was largely a question of economics. Professor Berry said he would like delegates to think of the development of pharmacy in stages. 150 years ago the pharmacist was largely self-sufficient. He purchased, cultivated, or collected his own drugs, made his own galenicals and perhaps one or more of his own proprietaries. The educational system of the time was one of apprentice and master.

Effect of State Medicine

State medicine, from its beginnings in 1911, brought about a big increase in prescribing and dispensing, but a simplification of both. The introduction of "prescription formulas" in the National Formulary and elsewhere had decreased the demands upon the pharmacists' ingenuity and skill in dispensing, and moreover he thought it would not be long before the general practitioner caught up with modern therapeutic practice and pre-

scribed a single powerful drug, principally as a tablet or an injection. Neither product was amenable to preparation in the shop, and thus the apprentice in the shop was denied practice in even those modern methods in dispensing. Pharmaceutical skill was now mainly applied in the manufacturing laboratory; and the real training would appear to lie there. That raised anew the question of apprenticeship.

MR. G. P. LEWIS, Cardiff, in his address as outgoing president, reported that progress had been made in strengthening the Association and that relations with the Pharmaceutical Society were improving. Training for a profession could not be done solely from a textbook, and the B.P.S.A. offered the student something extra—encouraging him to take a part in the community and developing his powers of discussion and self-expression. The Association's policy of trying to arrange inter-college activities had not yet met with marked success, but he hoped it would be pursued by the new executive committee. He wanted the new executive to be one of students—to counteract a tendency to leave everything to the "students of long ago."

Among students who "signed on" for the Conference were the following overseas visitors:—Mr. Koos Bosman, Holland; Mr. and Mrs. Kho Han Yon, Holland (Indonesia); and Mr. V. Gilbert, Australia.

Pharmaceutical Education

The speakers at the morning session on April 3 were Mr. G. E. Trease (head of the School of Pharmacy, University of Nottingham) and Dr. H. Davis (chief pharmacist, Ministry of Health). They were introduced by Mr. Lewis.

MR. TREASE, speaking on pharmaceutical education, dealt with some of the changes which had taken place during the past ten years. Although the schools of pharmacy were full and output of pharmaceutical chemists could not, at present, be expanded, it was easy to over-estimate the "apparent" shortage of qualified personnel. It was his opinion that more graduates in future must enter retail pharmacy; in that branch they could find satisfying employment if they adopted the right outlook. His advice to students was "don't let conditions in some pharmacies dismay you . . . rather make the pharmacies cleaner, better equipped and better organised."

They should also not adopt a superior attitude to those persons who had less academic qualifications but more practical experience than themselves. Post-graduate education was important; books should be borrowed from the Society's library and the pharmaceutical Press should be read.

The speaker had made a statistical survey of the number of women who had qualified as pharmacists since 1926 and gave the following figures:—

PERCENTAGE OF WOMEN QUALIFIED			
Years	B.Pharm.	Ph.C.	Chemist and Druggist
1926-30	0	0	8
1931-35	0	0	6
1936-40	12½	4	7
1941-45	13	13	27
1946-50	28	6½	38
Number of Students	81	69	922

The most recent figures available of students applying for the B.Pharm. course in Nottingham showed that 40 per cent. were women; after selection of candidates 65 per cent. of those securing a place were women. For the Ph.C. course, the figures were 43 per cent. and 55 per cent. respectively. This was a higher proportion of women than ever before.

DR. H. DAVIS mentioned some of his experiences as a member of a working party which visited 300 pharmacies in England, Wales and Scotland before the introduction of the National Health Service, to investigate and compare pharmaceutical practice in different parts of the country. He found in Scotland the prescribing of individual powders was more prevalent than elsewhere and that the average number of stock mixtures held by pharmacists in England was one. A few pharmacies had attained a high standard but there were others which were "a disgrace to the profession." The man-power report, however,

showed that over 90 per cent. were classed as average. Before N.H.S. started there were many dispensaries which were far too small, and he wondered how they were able to cope with the increased volume of work, particularly during the recent influenza epidemic. He stressed the necessity for adequate storage accommodation, which, he said, was frequently overlooked by architects when they designed either a hospital or a retail pharmacy. There was a good deal of wasted man-power; he had seen qualified men washing ampoules which they later had to fill. He submitted that there was a place for a well trained dispensing assistant in all pharmacies.

Dealing with hospital salaries Dr. Davis maintained that they compared quite favourably with those in retail if one bore in mind such things as the conditions of work, annual leave and the number of hours worked. The salaries were minimum and were very much more stable than in retail.

Debate on Education

The Conference on April 4 debated the motion "That the Present System of Pharmaceutical Education is Substantially Irrelevant to the Needs of Retail Pharmacy." Professor H. Berry was in the chair.

MR. K. PALMER, Nottingham, proposing the motion, said that the word "today" should have been added, as retail pharmacy would not stay as it was at present. The pharmacist of today was a "razor and pen pharmacist," and the £200-£300 spent on his education did not seem to be justified by present practice. There was a need for an assistant less specialised than the pharmacist. The objections to that view were: (1) that the assistant might in time become a pharmacist himself and (2) the attitude that dispensing was the sole right of the pharmacist. There was a need for men less

FLASHBACK TO FINLAND. —Finnish and visiting representatives of pharmacy students at the sixtieth anniversary conference of the Finnish Pharmaceutical Students' Association (C. & D., March 31, p. 396). Included in the group are Mr. V. Gilbert, Australia (second from left) and Mrs. Mary Relph, Great Britain.



skilled than the pharmacist, but able to take responsibility and so avoid wastage of skilled labour. In fact there should be separate diplomas for retail, hospital and wholesale pharmacy.

The motion was seconded by MR. H. B. CAIRD, Aberdeen, who thought there should be a qualification for an assistant comparable to the Apothecaries' Hall certificate, and the examination for it should be conducted by the Society.

MR. G. P. LEWIS, Cardiff, opposed. He agreed with Mr. Palmer that the first consideration should be that the pharmacist should be a professional and not a technical man. It was up to the student to make up what was lacking in his education by outside studies. Retail pharmacy called for a man practical in outlook yet with administrative ability. A general pharmaceutical education was necessary to provide training for all branches of pharmacy, and pharmaceutical education, as it was today, compared favourably with that ideal.

Seconding the opposition to the motion, MR. B. WILLS, Nottingham, maintained that a qualification for assistants in dispensing was outside the scope of education as now known. The new syllabus appeared admirably to suit the control and quality of a retail pharmacy.

Declaring the meeting open for discussion, THE CHAIRMAN asked delegates to consider where pharmacy would be fifty years hence. What would be the responsibilities in the future shop? A pharmacist of the future would have to be an expert pharmacologist; the medical man would perhaps be concerned only with diagnosis and it would be up to the pharmacist to suggest treatment.

"Syllabus Attitude" Wrong

MR. S. B. CHALLEN said that the two speakers in favour of the motion had already defeated it by contradicting each other. The first had wanted a general and the second a specialised education. Furthermore the amount spent by a trainee on his education was not excessive, since in retail pharmacy today there was higher remuneration than ever before. There was something in the idea of having a technical assistant but it was hardly within the scope of the Society. The ideal examination would be an internal examination and the "syllabus attitude" was wrong. The fact was that retail pharmacy was out of step with education, not *vice-versa*. The Society could not provide training for separate diplomas.

MR. S. J. RELPH said that the rôle of the pharmacist should be supervisory and advisory in an age of chemotherapy and antibiotics. The retail pharmacist was the standard pharmacist, by whom the public judged pharmacy. A broad education was therefore needed.

The motion was defeated.

Pharmaceutical Antiquities

MISS A. LOTHIAN (librarian to the Pharmaceutical Society) opened the proceedings on April 5 with an address on "Pharmaceutical Antiquities." She showed on the screen illustrations from early herbals, and described the works of Gerard ("The Herbal," 1597), John Parkinson and Nicholas Culpeper. Slides of ancient drug jars and mortars were also shown, and students later examined examples in the museum.

A "brains trust" followed, for which MR. F. C. WILSON (vice-president of the Society), PROFESSOR W. H. LINNELL (professor of chemistry, University of London), MR. O. H. WALLER (Editor, *THE CHEMIST AND DRUGGIST*) and MR. G. P. LEWIS provided the panel, and the general secretary (MR. J. A. Box) was question-master. Questions were asked on the man-power shortage in pharmacy; the inclusion of mathematics in the Intermediate syllabus; technical assistants; the attitude of pharmacists to health centres, and the multiplicity of names for drugs.

FIFTY YEARS AGO

Elementary Dispensing

(From the *C. & D.*, April 13, 1901)

A BEGINNER is strongly recommended to commence on the simplest forms of work and to leave the dispensing difficulties which vex his elders till he has gone through and made with his own hands the whole series of prescriptions which will be presented. . . . Some are taken from the British Pharmacopœia, the rest are the genuine recipes of the medical profession; they are not manufactured to illustrate some point, but they faithfully reflect daily practice within the limits here assigned. To avoid waste of material the quantities originally ordered have been reduced: thus an 8-oz. mixture is represented by 1 1/2 oz. 2 oz.; a 6-oz. mixture by 1 1/2 oz. (uncinum semisse). Pills have been reduced and occasionally raised, to six or twelve. In West-end practice nothing is more common than for one or two pills only to be prescribed, usually silvered, of which full illustrations will be given.

MEMORIAL TO BANTING

BUST of Sir Frederick Banting, discoverer of insulin, was unveiled in the main foyer of Simcoe Hall, University of Toronto, on February 21, the tenth anniversary of Sir Frederick's death in an airplane accident in Newfoundland. Simcoe Hall houses the administrative offices of the University. The bust, cast in bronze, was sculptured by Miss Frances Loring, of Toronto, and unveiled by Dr. Charles H. Best, co-discoverer of insulin. Some 200 invited guests were present—heads of University departments, government officials and representatives of the medical profession, including Dr. J. B. Collins, a co-worker of Banting. Dr. Sidney Smith, president of the University of Toronto, said: "We are gathered together here to commemorate the resolute character and the intellectual power of a man whose imagination, whose vision, and whose genius brought a boon to millions of his fellow-men. It is fitting that we should so mark this day, the tenth anniversary of his death. Yet how trivial our praise of this man must sound! If we had sharp enough ears we could hear, in his rotunda, at this very moment, the benedictions and the grateful prayers of myriad hearts in every land. That is the real eulogy—the true commemoration—of Sir Frederick Banting." (Picture, p. 469).

B.M.A. ANNUAL REPORT

THE annual report of the British Medical Association, recently published, includes a reference to test prescriptions. As a result of protests from doctors engaged in the National Health Service against the requirement that they should give prescriptions for test purposes, the question was discussed with representatives of the Pharmaceutical Society and Central N.H.S. (Chemist Contractors) Committee. The pharmacists considered that, so long as a scheme designed to test the nature and quality of drugs was required by the Minister, the present scheme was open to less pharmaceutical objection than any others so far proposed. It was therefore decided that the B.M.A. should take no further action. Further representations had been made to the Ministry concerning the inclusion in the list of expensive drugs for applying which dispensing doctors should receive payment, of crepe bandage, certain medicated gauzes, particularly penicillin gauzes, Riddobron, penicillin Nonad tulle,

chloramphenicol and the more expensive types of pessaries. The Ministry had asked the advice of the Association generally on the question of specifications for drugs, appliances, etc., for inclusion in the Drug Tariff. The items would include a number of proprietary articles, though not under their proprietary names. Discussions had taken place with the Ministry on ways of economising in prescribing costs, and as a result the Ministry was to inaugurate a greatly extended propaganda campaign; publish a quarterly booklet on prescribing costs; and issue comprehensive lists of proprietary preparations with their therapeutic equivalents.

WORLD TRADE

U.S. Restrictions on Cortisone Exports.

—The U.S. Department of Commerce has issued a new order prohibiting exports of glandular products beyond the Western Hemisphere except under licence. Among the products affected is cortisone.

India Stops Linseed Oil Exports.—The Indian Government has stopped the further registration of sales of linseed oil for export, while those already registered will be subject to the availability of a licence at the time of shipment.

Hong Kong Price Controls Removed.—The Hong Kong Government has announced the removal of price controls on penicillin and sulphonamides. The controls were applied about two months ago when prices soared and speculators became active following the U.S. exports' embargo.

Indian Import Policy.—The Indian Government recently announced a freer import policy "to provide the greatest facility for buying of India's essential requirements." Subject to certain exceptions, licences for the period January to June 1951 will be doubled in value and their period of validity extended till the end of December.

Italy to Expand Sulphur Output.—The Italian Ministry of Industry has announced that it plans to increase production in the sulphur mines of Sicily, where the principal Italian deposits are located. In addition, old mines in the Marecchia valley of Pesaro province of the Adriatic may be reopened and worked profitably with modern methods. Surveys are also in progress along the Adriatic coast to find new deposits. (Italy produced 230,000 tons of sulphur in 1950.)

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade

London, April 11

FURTHER repercussions on prices of PHARMACEUTICAL and FINE CHEMICALS resulting from the recent advance in the cost of ALCOHOL, occurred during the week. On April 9 it was announced that DDT prices had increased by 4d. per lb., making the rate for 1-cwt. lots 4s. 0d. per lb. The SALICYLATES are also dearer: ASPIRIN has risen by 7d. per lb., and SALICYLIC ACID, METHYL and SODIUM SALICYLATES by 3d. per lb. Higher cost of production has resulted in a further rise in BROMIDES, an all-round increase of 4d. per lb. Increased prices are also asked for PARALDEHYDE, CHLORAL HYDRATE, BENZOCAINE and PROCAINE, NICOTINIC ACID and CALAMINE. CARMINE is also dearer as a result of increased cost of COCHINEAL. ANTIMONY SALTS are dearer.

The CRUDE DRUGS market continues steady, generally, with only small trading during the past week. Rather more supplies of Cape ALOES are available and the market is easier; business has been done in prime at 290s. per cwt., spot. Portuguese ERGOT on spot has been sold at 85s. per lb., while small supplies of Russian now coming forward are quoted at from 80-85s. per lb. The BALSAMS are still difficult to obtain—there are no offers of COPAIBA and PERU from the sources although there is a small supply of the latter offering on the spot. IPECACUANHA is still very scarce. Chinese RHUBARB is a firm market with the best grade commanding from 10s. to 10s. 9d. per lb., duty paid. CAMPHOR POWDER, in short supply on the spot, is in good inquiry; shipment prices have risen. Chinese MENTHOL is steady with a fair inquiry reported from the Continent. COD-LIVER OIL has risen in price.

The volume of trading in ESSENTIAL OILS has only been fair. Chinese star ANISE, Ceylon CITRONELLA and LEMON-GRASS are slightly easier. West African ORANGE is a firm market and demand is good. CITRUS OILS, generally, are in increased demand.

U.S. Drug and Chemical Report

New York, April 6

DEMAND for synthetic EPHEDRINE is reported to be increasing, particularly for export, and BISMUTH SALTS have also been commanding more attention. Sales of imported MERCURIALS are reported to have taken place below domestic manufacturers' rates. A fairly large quantity of MERCURY is reported to arrive here shortly. A decline of 50 cents per lb. in the price of MENTHOL has brought current quotations

to \$12.25-40 per lb. against \$14.50-11 in January. The steady decline in price is attributed to unusually heavy arrival from China during the first two month of the year and a rather disappointing consumer demand here. The spot supply of natural CAMPHOR powder has been depleted by the recent spurt in export sale which it is reported have been made a 60-62 cents per lb. Because of individual price ceilings some importers have been obliged to withdraw from the market. The export demand is said to be coming from India.

In CRUDE DRUGS, trade generally remains quiet, but the general tone of the market is firm in face of limited offering and high costs. CASCARA SAGRADA and most of the BALSAMS, IPECACUANHA and SENECA continue firm. The advisory committee of the wax trade has met government official in Washington to discuss a special price ceiling for WAXES. A fairly good demand has been received for PEPPERMINT OIL although the latest change in spot price was downward the move was regarded a more or less an adjustment rather than reflection of any weakness in the general tone. In ESSENTIAL OILS, CITRUS products are strong markets and good quality California LEMON is in demand. CLOVE and several other SPICE OILS are in a somewhat tight supply position.

Exchange Rates on London

Rates at the opening on Wednesday morning were:—

Centre	Quoted	Rate
*Alexandria ...	Piastres to £	97½-97¾
Amsterdam ...	Florins to £	10.63-10.65
*Australia ...	£A to £	125-125½
*Bombay ...	Shillings to	
	rupee	1/5 18/—-1/6 18/
Brussels ...	Francs to £	139.90-140.10
Copenhagen ...	Kroner to £	19.32-19.36
Dutch West Indies	Florins to £	5.27-5.29
*Hong Kong ...	Shillings to \$	1/2 18/—1/3 12/
*Israel ...	£I to £	99½-100⅓
*Karachi ...	Shillings to	
	rupee	2/1 12/—2/1 18/
Lisbon ...	Escudos to £	80.35-80.75
Manila ...	Peso to £	5.00-5.65
*Montreal T.T.	Dollars to £	2.95½-2.95¾
New York T.T.	Dollars to £	2.79½-2.80½
New York M.T.	Dollars to £	2.79½-2.80½
*New Zealand ...	£NZ to £	100½-101
Oslo ...	Kroner to £	19.98-20.02
Paris ...	Francs to £	979-981
*Singapore ...	Shillings to \$	2/4 18/—2/4 18/
Stockholm ...	Kronor to £	14.47-14.50
*Teheran ...	Rials to £	89.40-91.00
Zurich ...	Francs to £	12.23-12.26

*Free market rates; remainder Bank of England

Pharmaceutical Chemicals

ASPIRIN.—Prices rose on April 9 by 1d. per lb. 5-cwt. lots are now 4s. 7d. per lb.; 1-cwt., 4s. 7½d. per lb. Scheduled rates for quantities of 28-lb. and under 1-cwt. are from 5s. 4½d. to 5s. 8½d. per lb., as to pack. New rates per 1,000 (representing an increase of 7d. per 1,000) or TABLETS are as follows:—Under 5,000, 4s. 9½d.; 5,000 and over, 4s. 7½d.; 10,000, 4s. 6½d.; 25,000, 4s. 4½d.; 50,000, 4s. 3½d.; 100,000, 4s. 2½d.; 250,000, 4s. 2d.; 500,000, 4s. 1½d.; 1,000,000, 4s. 0½d.

BENZOCAINE.—Dearer. 28-lb. lots are now 44s.; 14-lb., 45s.; and 7-lb., 47s. 6d. per lb.

BENZYL BENZOATE.—Makers offer B.P. grade at from 4s. 3d. to 5s. per lb.

BORAX.—Rates per ton for B.P. in quantities of 1 ton and upwards are as follows:—Granular, £46; crystal, £48 10s.; powder, £49 10s.; extra-fine powder, £50 10s. In 1-cwt. bags; carriage paid in Great Britain. Surcharges: As for boric acid.

BORIC ACID.—Rates for B.P. per ton, u 1-ton lots and upwards, are as follows:—Granular, £78; crystal, £85; powder, £82 10s.; extra-fine powder, £84 10s.; small flake, £98. In 1-cwt. bags; carriage paid in Great Britain. Surcharges for smaller quantities: Less than 1 ton but not less than 5 cwt., 1s. per cwt.; 3 cwt., 1s.; 1 cwt., 5s.

BROMIDES.—Higher prices were announced on April 9. POTASSIUM (crystal), AMMONIUM and SODIUM in 5-cwt. lots are now 3s. 5d. per lb.; 1-cwt., 3s. 6d.; 28-lb., 4½d. per lb. Potassium in powder is 1d. per lb. more than above prices.

CALAMINE.—Prices have increased by 1d. per lb. 1-cwt. lots are now 2s. 8d. per lb.

CARMINE.—Dearer. 28-lb. lots are quoted at 75s. per lb.; powder, 1s. per lb. more.

CHLORAL HYDRATE.—Prices have risen 1d. per lb. 1-cwt. lots are now 4s. 11d. per lb.; 28-lb., 5s. 3d. per lb.

CHRYSAROBIN.—Quotations are from 5s. to 35s. 9d. per lb.

CREAM OF TARTAR.—Current rates (per wt.) for the home trade are 10-cwt. lots, 52s.; 5-9 cwt., 253s.; 2-4 cwt., 254s.; 1-cwt., 255s.; delivered.

DDT.—Prices have advanced by 4d. per 1-cwt. lots are now quoted at 4s. 0½d. per lb.

MAGNESIUM CARBONATE.—Prices current in the home market for LIGHT, B.P., in bulk, are: Not less than 1-cwt., 120s.; 1-cwt., 114s. 6d.; 10-cwt., 113s. 6d.; 1 ton, 12s. per cwt. HEAVY, B.P., in 1-cwt. lots (28-lb. packages) is now 143s. per cwt.; 1-cwt. lots, 134s.; 10-cwt., 133s. per cwt.,

METHYL SALICYLATE.—New higher rates are as follows:—Winchesters, 3s. 2d. per lb.; 56-lb. lots in demijohns, 3s. 0½d.; 1-cwt., in demijohns or carboys, 3s.; 5-cwt., 2s. 11½d. net.

NICOTINIC ACID.—Dearer. 56-lb. lots, 46s. 6d.; 28-lb., 47s. 6d.; 7-lb., 50s. per lb.

OLEIC ACID.—Prices for B.P. are from 1s. 7d. to 2s. per lb. and technical from 1s. 5d. to 1s. 10d. per lb.

PARALDEHYDE.—Dearer. Carboy lots are now 2s. 2½d. per lb.; 24 winchesters, 2s. 4d.; 12 winchesters, 2s. 7d. per lb.

PROCAINE HYDROCHLORIDE.—New rates per lb., with effect from April 4, are as follows:—1-cwt. lots, 45s.; 28-lb., 47s. 6d.; 7-lb., 49s.

QUININE.—Makers' rates (per oz.) to home-trade distributors are given below; additional charges must be added for repacking, etc. ALKALOID, from 5s. to 5s. 6d.; ACETYLSALICYLATE, 6s. 3d. to 6s. 9d.; BISULPHATE, 3s. 7d. to 4s. 1d. DIHYDROBROMIDE and DIHYDROCHLORIDE, 4s. 11d. to 5s. 5d.; FORMATE, 5s. 9d. to 6s. 3d.; GLYCEROPHOSPHATE, and PHOSPHATE, 5s. 5d. to 5s. 11d.; HYDROBROMIDE and HYDROCHLORIDE, 4s. 6d. to 5s.; SALICYLATE, 4s. 8d. to 5s. 2d.; SULPHATE, 4s. to 4s. 6d.; QUININE and UREA HYDROCHLORIDE is quoted from 4s. 10d. to 5s. 4d.

RESORCIN.—Firm. Prices are from 12s. 6d. per lb. MONOACETATE is from 16s. to 17s. 6d. per lb.

SALICYLIC ACID.—An increase of 3d. per lb. took place on April 9. 5-cwt. lots in bulk are now 2s. 9½d. per lb.; 1-cwt., 2s. 10d. Scheduled rates for quantities of 28-lb. and under 1-cwt. are from 3s. 4½d. per lb., as to pack.

SANTONIN.—Scarce. Little will be available until the new wormseed crop. The following makers' prices per kilo apply in the home market, including Eire:—5-kilo lots, £89 10s.; 2-4-kilo lots, £91; 1 kilo, £92 10s.; 500 gm., £94; 250 gm., £95 10s.; 100 gm., £97; smaller quantities, £98 10s.

SODIUM SALICYLATE.—Prices have advanced by 3d. per lb. 5-cwt. lots in bulk are now 3s. 2½d. per lb.; 1-cwt., 3s. 3d. Scheduled rates in the home market for quantities of 28 lb. and under 1 cwt. are from 3s. 9½d. to 4s. 1½d. per lb., as to pack.

SODIUM SULPHATE.—Feathery crystals are 17s. 6d. per cwt.; medium, 16s. 6d.; and granular, 21s. 6d. per cwt. Exsiccated is 42s. 6d. per cwt.

TARTARIC ACID.—Home-trade rates (per cwt.) are: 10-cwt. lots, 300s.; 5-9 cwt., 302s.; 2-4 cwt., 304s.; 1-cwt., 305s.

ZINC OXIDE.—New prices for small quantities came into effect on April 9. 1-cwt. lots are now 2s. 3d. per lb. ZINC CARBONATE for the same quantity, is now 2s. 7½d. per lb.

Crude Drugs

AGAR.—Kobé No. 1 on the spot is from 9s. 2d. to 9s. 6d. per lb., duty paid.

ALOES.—Quiet. Spot quotations are now at 290s. to 295s. per cwt., as to quality. A fair demand for Curaçao, now offered at 295s. per cwt., in bond, has been received.

ANTIMONY.—English, 99.6 per cent., £402 10s.; 99 per cent., £390 per ton. Prices rose on April 5.

BENZOIN.—Sumatra block on the spot is quoted at £29 to £30 per cwt., as to quality; for shipment, £26 10s. c.i.f. Siam almonds on the spot are about 37s. 6d. to 38s. per lb.; broken almonds, 26s. 6d. to 30s.; siftings, 20s. per lb., spot.

BLACK HAW.—Tree bark is offered at 3s. 3d. per lb., ex store.

BUCHU.—New-crop short round leaves on the spot are available at 2s. 2d. per lb., for shipment, 1s. 10½d. c.i.f.

CAMPHOR.—Firm. Chinese powder, B.P., is in short supply and is quoted from 5s. to 5s. 3d. in bond (5s. 6d. per lb., duty paid); for shipment, from Hong Kong, 5s. 11d. c.i.f. Tablets (½-oz.), 6s. in bond (6s. 6d., duty paid). Slabs (2½-lb.) are offered at 5s. 9d. per lb., in bond; for shipment from Hong Kong, 5s. 10d., c.i.f.

CANTHARIDES.—Chinese are quoted for April-May shipment from Hong Kong at 6s. 4d. per lb., c.i.f.

CASCARA SAGRADA.—Steady. 1950 bark on spot is 385s. to 390s. per cwt., duty paid (350s. per cwt. in bond); 1950 for shipment, 345s. c.i.f.

CASCARILLA.—Quills on the spot are 1s. 4d. per lb.; siftings, 1s. 2d. per lb.

CASSIA.—Firmer. Whole bark for April-May shipment from Hong Kong, 167s. 6d. per cwt., c.i.f., quoted. Extra selected broken on spot is offered at 135s. per cwt., duty paid.

CHILLIES.—Mombasa, spot, quoted at 345s. per cwt.; for shipment, 315s. to 320s. per cwt. Sierra Leone, spot, 330s. per cwt. Nigerian, No. 1, 310s.; No. 2, 280s. per cwt. spot.

CLOVES.—A quiet market. Zanzibar is quoted at 4s. per lb., on the spot; for April - May shipment from the origin, 3s. 9½d. c.i.f. Madagascar, spot, 3s. 8d. in bond, nominal; April-May shipment, 3s. 6d., c.i.f., value.

COCHINEAL.—Firm. Nominal spot values are 8s. 9d. per lb. for black and 7s. 9d. for silver grey.

COD-LIVER OIL.—Prices of oil in bulk have advanced by 1s. per gall. Medicinal, B.P., is now 14s. per gall. in charged returnable drums and 15s. 6d. per gall. in 1-gall. tins; delivered. Veterinary oil is upwards of 14s. per gall., according to pack. Deliveries continue to be held up owing to short supplies of containers.

COLCHICUM.—Steady. Corms on spot are offering at from 2s. 3d. per lb., as to test; seeds, 9d. per lb., spot, duty paid.

COLOCYNTH.—In short supply. Nominal value is 1s. 9d. per lb., in bond.

DRAGONS BLOOD.—Singapore re-boiled No. 1, £60 to £62 per cwt., spot. No. 2, £48 per cwt.

ERGOT.—Portuguese quoted at 85s. per lb., spot London. A small quantity of Russian is available on the spot at the same price.

GALANGAL.—Quotations for April-May shipment from Hong Kong have fallen to 110s. per cwt., c.i.f. Little demand for spot which is offered at 130s. per cwt.

GALLS.—Firmer. Chinese for April-May shipment from Hong Kong, quoted at 233s per cwt., c.i.f.

GAMBOGE.—Siam pipe is at £40 to £45 per cwt., duty paid; powder is quoted at 11s. 6d. per lb., spot London.

GENTIAN.—French on the spot is offered at 140s. per cwt.; to come forward, 130s. landed.

GINGER.—African on the spot is 265s per cwt.; new-crop for April-May shipment, 250s. c.i.f. Jamaican, new-crop March-April shipment, No. 3, 405s. c.i.f. No. 2, 410s. c.i.f.

GUAIACUM.—Spot quotations are from 3s. 3d. to 3s. 6d. per lb.

GUM ACACIA.—Kordofan cleaned sorts sellers at 132s. 6d. per cwt., spot; afloat 115s. c.i.f. June-July shipment, 113s. c.i.f.; March-April resellers, 112s., c.i.f. Arrivals in the primary market are declining.

IPECACUANHA.—Firm. Scarce on the spot. Colombian afloat is quoted at 59s per lb., c.i.f. Nicaraguan for shipment May-July, 60s. c.i.f. Business has been done in Matto Grosso for April shipment at 62s. per lb., c.i.f.

JALAP.—Vera Cruz 9-11 per cent. resin is available on the spot at 3s. 9d. per lb. 15 per cent., 4s. Brazil (13.9 per cent. resin), quoted at 2s. per lb., ex warehouse.

JUNIPER BERRIES.—Italian are offered at 55s. per cwt., duty paid.

KARAYA.—Superior No. 1 gum on the spot is 440s. per cwt.; No. 2, 325s.

KOLA NUTS.—African halves on spot from 5½d. to 5½d. per lb.; for shipment 3½d. c.i.f. Quarters are quoted at 5½d. per lb., spot.

MASTIC.—Quotations for tears (No. 2 are about 12s. 6d. per lb., spot.

MENTHOL.—Chinese on the spot is from 98s. 6d. to 102s. 6d. per lb., duty paid (in bond, 94s.); for April-May shipment from Hong Kong, 90s. nominal, c.i.f. Brazilian afloat is quoted at 89s., c.i.f.

MERCURY.—Spot quotations are from £73 10s. to £74 per flask, ex warehouse.

ORRIS ROOT.—Steady. Florentine is offered for shipment from origin at 140s. to 5s. per cwt., c.i.f.

PERU BALSAM.—No offers from the origin. A small supply on the spot is offered 17s. 6d. per lb., in bond.

RHUBARB.—Chinese Double Deer is offered at 10s. to 10s. 9d., duty paid (9s. to 9d. per lb., in bond); three-quarters dry fracture is 8s. 3d. in bond. Indian from 125s. to 140s. per cwt., ex warehouse.

SEEDS.—Cyprus ANISE on the spot is 35s. per cwt.; Turkish, 150s. per cwt., in bond, and 160s. per cwt., duty paid.

ARAWAY.—Dutch quiet; sellers at 225s. per cwt., duty paid, spot London. **CELERY.**—Indian, unchanged at 1s. 10½d. per lb., spot London. **CORIANDER.**—Market quiet. Spot Morocco is quoted at 180s. per cwt., duty paid, and 165s. per cwt., in bond.

Indian, now afloat to London, quoted at 35s. per cwt., landed terms. Morocco, new-crop for June-July shipment, quoted 105s. per cwt., c.i.f.; old-crop, for immediate shipment, quoted at 157s. 6d. per wt., c.i.f. London. **CUMIN.**—Market unchanged. Spot Cyprus, quoted at 255s. per cwt., spot Liverpool; afloat parcels to London quoted at same figure, landed terms. Indian new-crop, for shipment, 90s. per cwt., c.i.f., and Morocco new-crop, 200s. per cwt., c.i.f. **DILL.**—Indian in poor demand at 80s. per cwt., spot London. **FENNEL.**—Indian is 140s. per cwt., spot; old-crop for shipment is quoted at 20s., and new-crop at 130s. per cwt., c.i.f. London. **FENUGREEK.**—Spot Morocco unchanged at 52s. 6d. per cwt., duty paid. New-crop for shipment is 46s. per wt., c.i.f. London.

HELLAC.—Spot F.O.T.N., pure, is 370s.; 0. Standard 1, 400s.; and fine orange, 35s. to 500s. per cwt.

TOLU BALSAM.—Business has been done in "manipulated" balsam on the spot at 5s. per lb. and 40s. is now asked; from the origin, 47s. 6d. per lb., c.i.f., quoted.

TRAGACANTH.—No. 1 ribbon on the spot £200 per cwt.; No. 2, £175; No. 3, 155; No. 4, £85.

WAXES.—Quiet. Dar-es-Salaam BEES' is nominally 660s. per cwt., spot; April-May shipment, 600s. c.i.f. Benguela on spot is 40s. per cwt., duty paid; April-May shipment, 540s. c.i.f. Sudanese, 640s. per cwt., duty paid (in bond, 630s.); for shipment, 40s. c.i.f. **CANDELILLA.**—Spot is 625s. per wt., forward shipment, 615s. c.i.f. **CARABA.**—Prime yellow is now nominal at 300s. per cwt.; afloat, 1,200s.; for shipment, 1,170s. c.i.f. Fatty grey is quoted at 130s. per cwt., spot; afloat, 1,060s. c.i.f.; for shipment, 1,050s. c.i.f. **MONTAN.**—Rebeek on spot is 130s. per cwt.; for shipment, 118s. c.i.f. **OURICURI.**—0.5 per cent. impurities, quoted at 1,080 per cwt. on spot; for shipment, 975s. c.i.f.

Essential and Expressed Oils

ANISE.—Quiet. Spot is from 13s. 3d. to 13s. 6d. per lb. in drums; for April-May shipment, 12s. 6d. per lb., c.i.f., sellers.

CITRONELLA.—Ceylon is easier with spot quotations from 19s. 6d. per lb.; for shipment, 18s. 9d. c.i.f. Java on spot is offered at 23s. per lb.

LAVENDER.—Firm. French, 38-40 per cent. linalol, on the spot is nominal at 53s. 6d. to 55s. 6d. per lb.; 40-42 per cent., 55s. 6d. to 58s. Spanish spike is from 29s. to 30s. per lb., on the spot.

LEMONGRASS.—Spot is available at about 33s. 6d. per lb.; afloat, 31s. 6d.; for May shipment, 28s. 6d. c.i.f.

OLIVE.—Quiet. Refined oils in drums are offering at from 32s. 6d. to 34s., as to grade and seller.

PEPPERMINT.—Chinese *arvensis* oil on the spot is about 35s. 6d. to 36s. 6d. per lb.; for shipment, 35s. c.i.f., nominal. *Piperita* is available at from 58s. 6d. to 68s. per lb., as to grade. English-distilled is from 140s. to 145s. per lb.

Methylated Spirits

METHYLATORS' rates per gall. in Great Britain from April 2 are as follows:—

Industrial methylated spirit: Strength 61 o.p., 500 gall. and over, in one delivery, 7s. 6d.; 100 gall. and under 500 gall., 7s. 8d.; 30 gall. and under 100 gall., 7s. 10d.; 10 gall. and under 30 gall., 8s.; 5 gall. and under 10 gall., 8s. 3d. Strength 64 o.p., 1d. per gall.; 66 o.p. (B.P.), 2d.; 68 o.p., 3d.; and 74 o.p., 7½d. more than the above rates. Tank wagon delivery: One halfpenny per gall. off list price—minimum 500 gall. For industrial methylated spirit of standard toilet quality prices are 3½d. per gall. above foregoing prices.

Pyridinised industrial methylated spirit: Strength 61 o.p., 500 gall. and over, in one delivery, 7s. 8½d.; 100 gall. and under 500 gall., 7s. 10½d.; 30 gall. and under 100 gall., 8s. 0½d.; 10 gall. and under 30 gall., 8s. 2½d.; 5 gall. and under 10 gall., 8s. 5½d. Strength 64 o.p., 1d. per gall. more than foregoing rates.

Mineralised methylated spirits: Strength 61 o.p., in one delivery, 100 gall. and under 500 gall., 7s. 10½d.; 30 gall. and under 100 gall., 8s. 0½d.; 10 gall. and under 30 gall., 8s. 2½d.; 5 gall. and under 10 gall., 8s. 5½d. Strength 64 o.p., 1d. per gall. more than foregoing rates.

Methylated resin finish is 3d. per gall. over, and **methylated shellac finish**, 1s. per gall. over the prices for pyridinised methylated spirit.

TERMS: Delivered free and carriage paid on returned empties; cash one month, less 2½ per cent.; packages charged, credited in full on return.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Sunday, April 15

CORNISH BRANCH, NATIONAL PHARMACEUTICAL UNION, St. John Headquarters, City Road, Truro, at 2.30 p.m. Address by Mr. G. H. M. Graham (a member of the N.P.U. executive and chairman of the staff side of the Executive Committee A of the Pharmaceutical Whitley Council).

Monday, April 16

WALLASEY PHARMACISTS' ASSOCIATION and BRANCH, Wellington Hotel, Liscard, Wallasey, Cheshire, at 8 p.m. Annual meeting.

Tuesday, April 17

SUNDERLAND BRANCH, PHARMACEUTICAL SOCIETY, Christ Church House, The Cloisters, Sunderland, at 7.15 p.m. Annual meeting, Mr. F. H. Oliver, Ph.C., on "The Society's proposed Supplementary Charter."

WALTHAMSTOW BRANCH, NATIONAL PHARMACEUTICAL UNION, Conway Hall, High Street, Walthamstow, London, E.17, at 8 p.m. Mr. R. H. Kemp (assistant secretary, N.P.U.) on "Some Present-day Business Aspects of Retail Pharmacy."

SOUTH WALES BRANCH, PURCHASING OFFICERS' ASSOCIATION, Temple of Peace and Health, Cardiff, at 7.30 p.m. Mr. A. S. Wylde (British Plastics Federation) on "Plastics."

Wednesday, April 18

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Unicorn, Gidea Park, Romford, at 7.30 p.m. Annual meeting.

STUDENTS' UNION, SCHOOL OF PHARMACY, UNIVERSITY OF LONDON, Victoria Hall, Bloomsbury Square, London, W.C.1, at 7 p.m. Sessional Dance.

WESTERN PHARMACISTS' ASSOCIATION and WEST LONDON BRANCH, PHARMACEUTICAL SOCIETY, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Films "The Birth of a Drug" and "Control of Infection in Surgical Dressings" (by courtesy of Imperial Chemical (Pharmaceuticals), Ltd.), introduced by Mr. C. P. Astle, M.P.S.

Thursday, April 19

BRADFORD BRANCH, PHARMACEUTICAL SOCIETY, Midland Hotel, Bradford, at 7.30 p.m. Mr. A. F. Park (Kodak, Ltd.) on "Our Colourful Countryside" (illustrated) and film.

MANCHESTER PHARMACEUTICAL ASSOCIATION and BRANCH, Council Chamber, Houldsworth Hall, Manchester, at 7.45 p.m. Annual meeting.

THAMES VALLEY DISTRICT PHARMACISTS' ASSOCIATION and BRANCH, Kingston Hotel, Kingston-on-Thames, at 7.45 p.m. Annual meeting. Mr. R. G. Dyas (managing director, Grossmith, Ltd.), on "Perfumery."

WIMBLEDON PHARMACISTS' ASSOCIATION. Wimbledon Town Hall, London, S.W.19, at 7.45 p.m. Annual meeting and brains trust.

Friday, April 20

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION and BRANCH, Hulme Hall, Port Sunlight, at 8 p.m. Dance.

FINE CHEMICALS GROUP, SOCIETY OF CHEMICAL INDUSTRY, Chemistry Lecture Theatre, King's College, Strand, London, W.C.2, at 7 p.m. Annual meeting. At 7.30 p.m., Dr. J. G. Fife on

"The Patents Act, 1949, in Relation to the Fine Chemicals Industry."

HULL CHEMISTS' ASSOCIATION and BRANCH, Imperial Hotel, Hull, at 8 p.m. Combined annual meeting.

LIVERPOOL CHEMISTS' ASSOCIATION and BRANCH, Liverpool Town Hall Annex, at 6.30 p.m. Councillor Dr. D. Brown (Bootle) on "The Position of the General Practitioner."

SCOTTISH SECTION, SOCIETY OF PUBLIC ANALYST AND OTHER ANALYTICAL CHEMISTS, North British Hotel, Edinburgh, at 7 p.m. Mr. G. Ratray, Ph.C., F.R.M.S., on "The Microscope as an Analytical Aid."

Saturday, April 21

HANTS, DORSET, SOUTH WILTS AND ISLE OF WIGHT BRANCH, GUILD OF PUBLIC PHARMACISTS, Borough General Hospital, Southampton, at 3.30 p.m. Meeting.

GUILD OF PUBLIC PHARMACISTS. Annual meeting in Arts Theatre, Liverpool University, May 26. Members are asked to send items for agenda and nomination forms for council election to deputy secretary (Mr. E. W. Barstow), 308 Nevern Place, London, S.W.5, by April 28.

TRADE MARKS

From the "Trade Marks Journal," March 21

For dietetic foods for use in the treatment of obesity (5).

KATOBESOL, 694,185, by Societa Azionaria Primo Istituto Dietetico Italiano Rinaldo Rossi, Milan.

For photographic instruments and apparatus (9). Device of letter P, 692,255, by Perry's, London, Eaton.

For scientific instruments and apparatus (9).

RAMBLER, 694,268, by J. & L. Randall, Ltd, Potters Bar.

For rubber hot-water bottles (21).

KEYSTONE, 692,326, by I. B. Kleinert Rubber Co., New York.

For hair, nail, dental-plate and bath brushes, combs (21).

DE PATOUL, B695,031, by Rockwell Co. (Dartington), Ltd., Darlington.

From "The Trade Marks Journal," March 28

For industrial chemicals (1)

HYGROLIT, 691,132, by Maschinen und Apparate-Bauanstalt Hans Langen, Rheydt.

For non-medicated toilet preparations (3).

CRESTO, 693,057, by Crescent Preparations, Co. Ltd., London, S.W.1. VYTAKRIN, 695,893 by Bernard Henry Vine, London, N.W.1. PIN STRIPE, RAGAMUFFIN, 696,182-83, by W. Bush & Co., Ltd., London, E.8.

For all goods excluding cleaning, polishing, scouring, abrasive or bleaching preparations (3). RIGOLADE, 695,858, by Germaine Monte Paris.

For medicated preparations for external application to children (5).

THERMOGENE RUB FOR CHILDREN, 693,157, by the Thermogene Co., Ltd., Hounds Heath.

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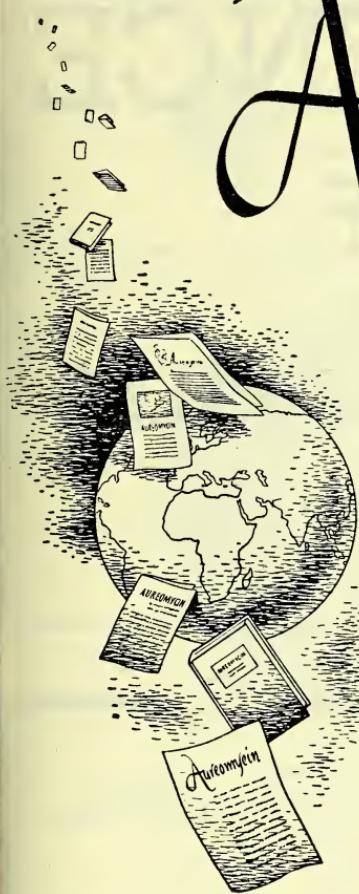
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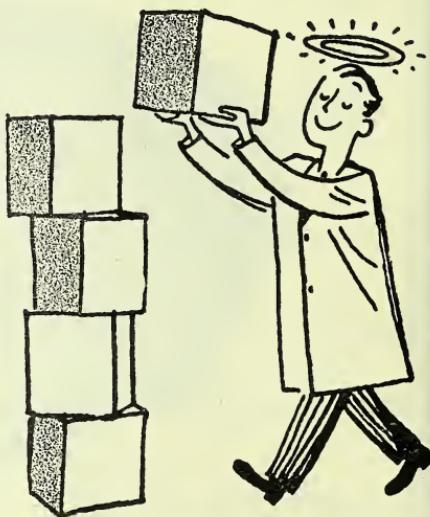
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ROURA & FORGAS LIMITED

Sole Sterling Area Suppliers of

ITALIAN QUICKSILVER

HANOVER HOUSE, 73/78 HIGH HOLBORN, LONDON, W.C.1

Telephone Nos. HOLborn 0517/9

WE WANT



Manufacturers: JEFFREYS,
LLER & CO. LTD., Leyland Mills,
igan. (London Dept. I9 Brookside Rd. N.19)

MILLAMALT

BECAUSE OF THE BUTTERSCOTCH FLAVOUR

IN BULK-LOOSE TO WHOLESALERS AND PACKERS

GENERAL TABLETING SERVICE

Enquiries invited

STANDARD SACCHARIN TABLETS, Etc.

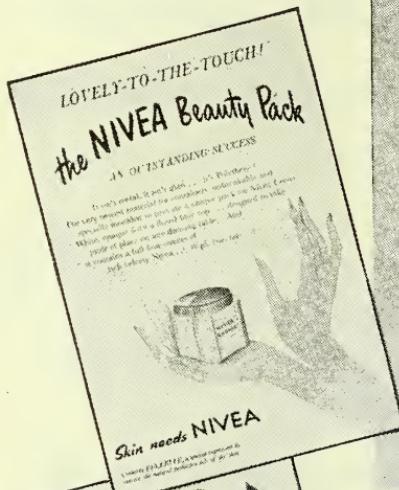
THE DALES TABLET MAKERS LTD. Steeton, Nr. Keighley

Phone: STEETON 3222

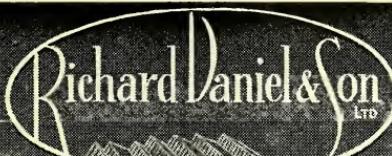
TELLING MORE PEOPLE

"SKIN NEEDS NIVEA." This simple factual statement goes round the country, directly influencing your turnover, increasing your profits.

Advertisements in the fashion and beauty press, the popular women's weeklies and medical and nursing journals, supported by attractive showcard displays in nearly every city, town and village in the country, are rapidly developing a wider and wider market for this favourite of skin creams.



SELLING MORE NIVEA
HERTS PHARMACEUTICALS LIMITED, WELWYN GARDEN CITY, HERTS



PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR
CHEMISTS

*Manufacturing
Chemists*

Head Office & Works: Mansfield Road, Derby. Telephone 4266 (4 lines). Branch Warehouse: Grosvenor St., Ashton-under-Lyne. Telephone 2816 (2 lines).

Enka S P O N G E S

Price Increase

In view of the heavy increase in the cost of raw materials, we wish to announce that we have been obliged to alter the prices of the ENKA Sponges. The following prices came into force on March 12th, 1951.

Type	Approx. size wet	Price	P.T.	Price incl. P.T.
"S"	4 $\frac{3}{4}$ " x 3 $\frac{1}{2}$ " x 1 $\frac{3}{4}$ "	2/3d.	6d.	2/9d.
"E"	Natural Shape	2/3d.	6d.	2/9d.
"D"	Natural Shape	4/1 $\frac{1}{2}$ d.	11d.	5/0 $\frac{1}{2}$ d.
Coloured Toilet Sponges	4 $\frac{3}{4}$ " x 3 $\frac{1}{2}$ " x 1 $\frac{3}{4}$ "	2/7 $\frac{1}{2}$ d.	7d.	3/2 $\frac{1}{2}$ d.

The above prices are subject to our usual trade discounts.

Distributors to the Chemists' Trade:

FASSETT & JOHNSON LTD.,

86, CLERKENWELL ROAD, LONDON, E.C.1, also at 139, BATH STREET, GLASGOW, C.2

MACWILL & CO. LTD., 7, West Rd., Kingston-on-Thames, Surrey. Tel.: KINGston 8558



ORIGINAL
LANETTE
WAX SX
of pre-war quality

Write today for samples, leaflets and quotations :—

CYCLO CHEMICALS LTD.

MANFIELD HOUSE, 376 STRAND, LONDON, W.C.2.

Tel : TEMple Bar 5973

Lemons

Glucose

Scotch Barley

Sugar

Recommend

Rayner's
Lembar

*all the year
 hot or cold*



MADE BY RAYNER AND COMPANY LIMITED, LONDON, N.18

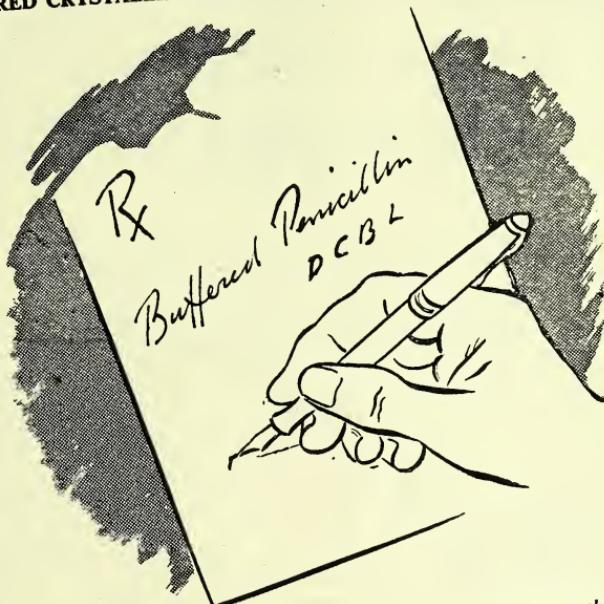
Doctors are now reading this announcement

THE LANCET

THE LANCET GENERAL ADVERTISER

**When you write
BUFFERED PENICILLIN DCBL**

pharmacists know you intend your patients to receive
BUFFERED CRYSTALLINE PENICILLIN G, POTASSIUM SALT, DC(B)L



Unbuffered crystalline penicillin G rapidly loses its potency in aqueous solution. Buffered Crystalline Penicillin G, Potassium salt, DC(B)L retains its potency in aqueous solution for 7 days at room temperature. It costs the same as the unbuffered material.

Distributed by

Allen & Hanburys Ltd.

British Drug Houses Ltd.

Burroughs Wellcome & Co.

Evans Medical Supplies Ltd.

Imperial Chemical (Pharmaceuticals) Ltd.

Pharmaceutical Specialities (May & Baker) Ltd.

Manufactured by

THE DISTILLERS COMPANY
(BIOCHEMICALS) LIMITED

LIVERPOOL

SPEKE

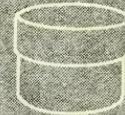
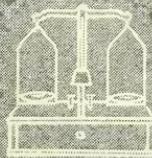


FOR
DISPENSING
SUNDRIES



OF THE

BEST QUALITY



MACDONALD & SON LTD.

HOPE MILLS, POLLARD STREET, MANCHESTER, 4

Ardwick 1561-2

StaffAllens

Founded 1833

POWDERED GUMS

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TRAGACANTH
KARAYA
ACACIA
•

As leading millers of natural gums for well over a century, we are an authority on the application of the various grades to many different trade requirements.



Why not approach us for samples and advice on all questions of

MUCILAGE
EMULSIFICATION
SUSPENSION

TAFFORD ALLEN & SONS LTD., Wharf Rd., London, N.I. CLERKENWELL 1000 (7 lines)

TAS/AL 342

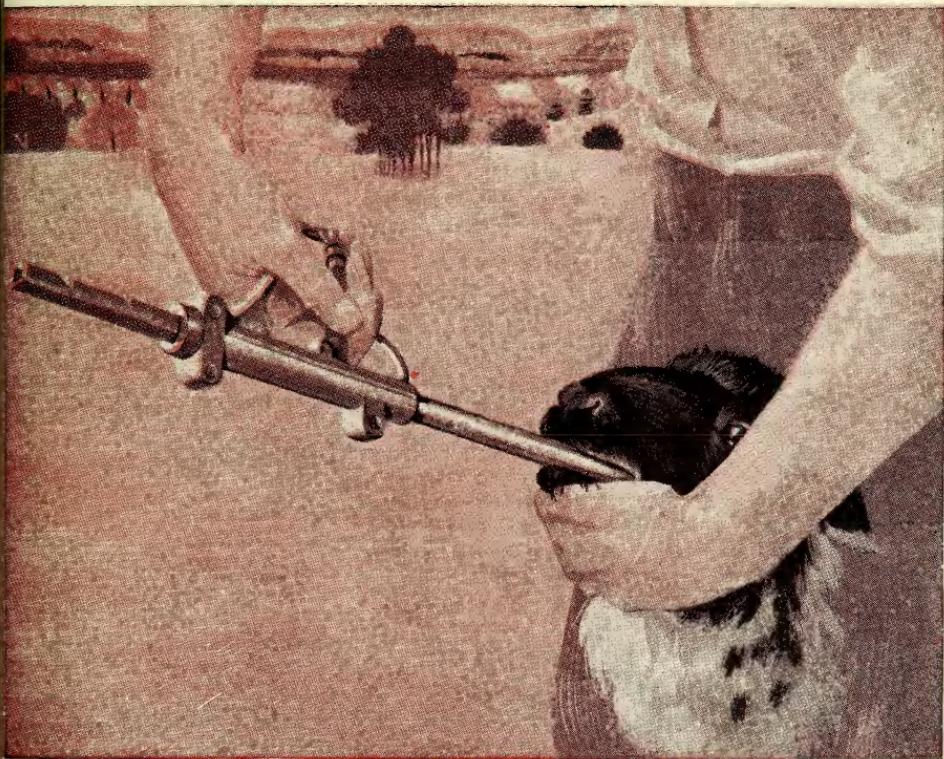
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CALCIUM GLUCONATE
CITRIC ACID
CREAM OF TARTAR
ITACONIC ACID
ROCHELLE SALTS
TARTARIC ACID
LITHIUM SALTS

Est 1870

Kennball Bishop
& Company Limited

Enviro Chemical Works, Three Mill Lane, Bromley-by-Bow, London, E3.
Telegaphone: KEMBALL, LONDON • Telephone: ADVANCE 1254 (THAMES)



‘PHENOVIS’ Phenothiazine Tablets

TRADE MARK

are prepared specifically for dosing sheep, and form a very convenient alternative to a drench. With ‘Phenovis’ Tablets—which are best given by means of the balling gun—no preliminary preparations are necessary, and there is no staining of the fleece.



‘Phenovis’ Multidose Balling Gun for the administration of ‘Phenovis’ Tablets.

‘Phenovis’ Tablets of 5 grammes, containers of 50 and 250.

Recommend ‘Phenovis’ with confidence to your farming customers.

Further information and literature, together with ‘Phenovis’ dosing tables, display cards, etc., available from I.C.I. Sales Offices—London, Bristol, Birmingham, Manchester, Glasgow, Edinburgh, Belfast and Dublin.

IMPERIAL CHEMICAL (PHARMACEUTICALS) LIMITED
 A subsidiary company of Imperial Chemical Industries Limited WILMSLOW, MANCHESTER



Ph.119/3



The Importance of a NAME

When a preparation is required that will relieve digestive distress quickly, pleasantly and safely, the first name that comes to the mind of millions of people is MEGGESON BISMUTH DYSPEPSIA TABLETS. The importance of this brand name to pharmacists throughout the kingdom is steadily increasing as a result of consistent national advertising.



Addis^{REGD.}
BEAUTY BRUSH

gets big boost
by leading
mannequins!



Frederick Starke's lovely Julia Daniell is one of the mannequins sponsoring the Addis Beauty Brush in national magazines

Great campaign means year-round sales

Yes, London's loveliest mannequins are sponsoring the Addis Beauty Brush in big national magazine advertisements — which your customers are going to see and absorb. They'll be struck by Beauty Brush loveliness, impressed by its efficiency, amazed at its low price — and they'll buy! And demand is going to stay up — all the year round! Stock up with the Addis Beauty Brush now! 12/6 retail.

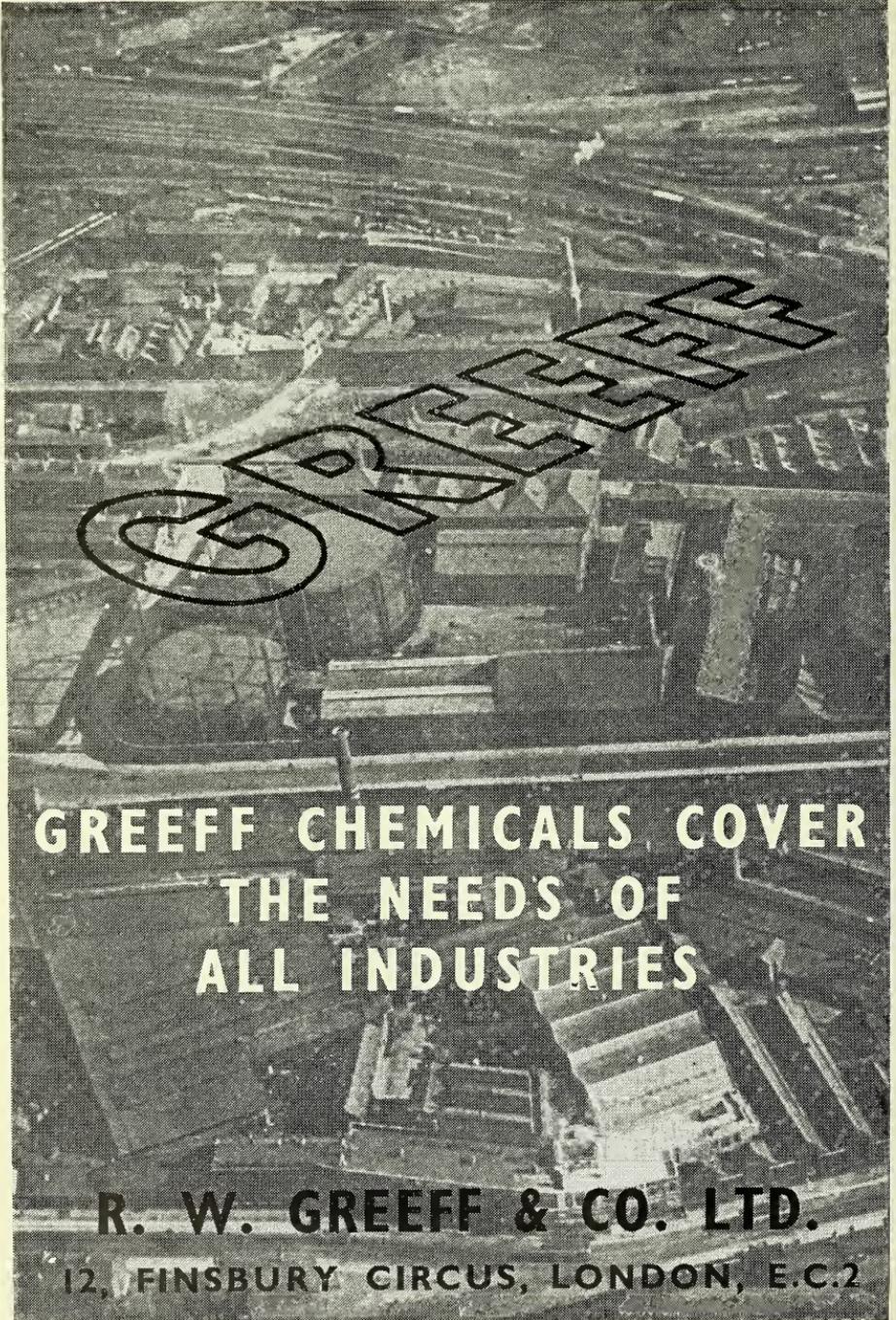
Stock and
display the

Addis^{REGD.}
BEAUTY BRUSH

all the
year round



It's lovely,
it's efficient,
it sells on sight



GREEFF

**GREEFF CHEMICALS COVER
THE NEEDS OF
ALL INDUSTRIES**

R. W. GREEFF & CO. LTD.

12, FINSBURY CIRCUS, LONDON, E.C.2



Delavelle wish to thank their many retail friends for their Blue Orchid Window Displays, particularly during the past month. The excellence of some displays has been very commendable, and we are glad to have such enthusiastic reports as to how profitable the effort has been.

FESTIVAL OF BRITAIN Supplies of Blue Orchid Perfume in the attractive Festival Souvenir Cigarette Case pack are now available. Trade price 32/6d. per dozen.

Have we received your order?

Delavelle

35 OLD BOND STREET, LONDON, W.I.
Orders to: 38/46 Orsman Road, London, N.I.

**The NEW
'POPULAR' model
Now Available!**

To the world's greatest selling hairbrush is now added a NEW model for a NEW market at a price within the buying range of the majority of your customers.

The new "POPULAR" model embodies the design and patented world exclusive hygienic and perfume features of the Kent - Cosby "Allure" Hairbrush in a new range of enchantingly coloured enamelled wood handles, and this brings to an immense new public those benefits which are now being enjoyed by hundreds of thousands of discerning women.

Retailing at

25/- INC. PUR. TAX

OTHER MODELS

"PRINCESS" 39/6 Inc.
"DE LUXE" 63/- Pur.
(Pure Bristle) Tax

"ALLURE" PERFUME ESSENCE
Much more lasting than
ordinary perfume
NEW REDUCED PRICE 4/6
Inc. Pur. Tax

NOTE
SPECIAL SALON TERMS
ON APPLICATION



Remember—the "Allure" brush is an ideal gift
line — Every day is somebody's birthday!

BY APPOINTMENT G. B. KENT & SONS LTD., 24 OLD BOND ST., LONDON, W.I.
BRUSHMAKERS Telephone: Regent 1471/2/3. Telegrams: Tricho, Piccy, London

I took **VULFIX** straight on the chin!



And I kept it there, whipping up a whisker
wilting lather in a wink!

VULFIX "SERVICE"

obtainable through
all wholesalers

Retail at 4/6, 6/9, 7/6, 9/6,
12/3, 12/6 and 21/- each

THE BRUSH WITH THE TWO YEARS GUARANTEE

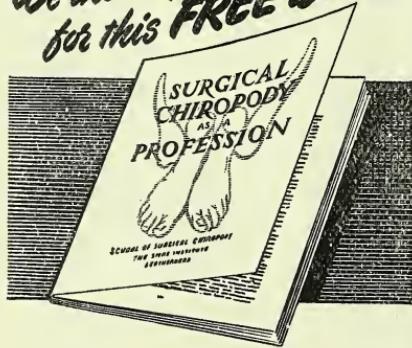
See our STAND No. K.15
at the B.I.F. OLYMPIA

VULFIX "Service" Shaving BRUSH

PROGRESS SHAVING BRUSH Co. Ltd.
Mettram Street, Stockport 49 Leadenhall Street, London, E.C.3
Phone: STOCKport 2147 Phone: ROYal 2857



We invite you to write
for this **FREE BOOK**



Most of the training necessary to qualify for a Diploma in Chiropody can now be taken at home by specialised correspondence lessons. Fullest particulars of how to enter this highly-paid profession from:
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LEATHERHEAD, SURREY

Graylands-
& Co. Ltd.

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Tel.: Larkwood 1724

CHEMISTS'
and DRUGGISTS'
SUNDRIES
PHARMACEUTICAL
PREPARATIONS
DRESSINGS—
MEDICINAL
BOTTLES

24-HOUR DELIVERY SERVICE

OVER 10 MILLION WOMEN read EVERY MONTH about the THREE ELEGAN HUMAN HAIR NETS



Without doubt many of these women are YOUR regular customers and by displaying the Sales Aids of ELEGAN Hair Nets you will make many more your regular customers. Human Hair Nets are a profitable line in Turnover and Goodwill because many women always use a hair net and every woman finds an occasion when she really needs a hair net. Here then is a rich market you cannot afford to miss and, because ELEGAN Human Hair Nets are the very best obtainable, you can have complete confidence in recommending them to your customers.

★ ★ ★ ★

PRICES for all shades (except Grey or White)

ELEGAN 'SUPERB'

72/- per Gross

ELEGAN 'STAR'

30/- per Gross

ELEGAN 'TIGHT EDGE'

48/- per Gross

(Plus Purchase Tax)

*If you are not yet a stockist of ELEGAN
Human Hair Nets write at once to:—*

"ELEGAN" HUMAN HAIR NETS

ELEGAN HOUSE, 8-12 BROADWICK STREET, LONDON, W.1
Telephone: GERrard 5066 (5 lines) also at LEEDS, 11 YORK PLACE. Telephone: LEEDS 23484



PURCHASE TAX (No. 4) ORDER, 1951 and how it affects you

Under this new order the retail price of Evan Williams TONING PACKS is increased to 2/-
... this is not a price increase to you

The basic wholesale price of 9/6 per dozen remains the same, but the purchase tax is increased to 100% i.e. from 7/4 to 9/6.

Also, under this new order, the retail price of Evan Williams TUNISIAN HENNA (in packets) is increased from 2/6 to 2/8 retail.

All wholesale prices remain unaltered

EVAN WILLIAMS CO. LTD
Sales Dept. Aintree Road, Perivale, Middx.



Wimberdar PRODUCTS OF QUALITY

HAIRPINS and CeliaGrips

Wimberdar hairpins and CeliaGrips are their own salesmen—thanks to their distinctive high quality and their attractive new outer cartons, specially designed for effective counter display.

Order your supplies now from your usual wholesaler.

See STAND L52 B.I.F.
Olympia



HAIRPINS IN ROLLS		Black or Brown	PRICES	
Patt. No.	Lengths and Gauges	Wholesale per gross	Purchase Tax per gross	Retail inc. P.T.
216	2" 2½" 3" (19 G)	13/-	4/4	2d.
279	1½" 1¾" 2" (24 G)			
HAIRPINS IN BOXES		Black or Brown	PRICES	
286	2" 2½" 3" (19 G)	19/9	6/7	3d.
280	1½" 1¾" 2" (24 G)			

CeliaGrips ON CARD		Black or Brown	PRICES	
Patt. No.	Lengths and Count	Wholesale per gross	Purchase Tax per gross	Reta inc. F
692/6	2" 6 on	9/-	3/-	1½d
692/8	2" 8 on	12/-	4/-	2d.
692/12	2" 12 on			
693/8	2½" 8 on	18/-	6/-	3d.
697/10	2" & 2½" 10 on			
TORTOISESHELL				
694/2	2" 8 on			
696/6	2½" 6 on	18/-	6/-	3d.

CRITCHLEY BROS. LTD., BRIMSCOMBE, STROUD, GLOS. Tel: BRIMSCOMBE 220



Bu-to is pleasantly perfumed

THAT'S WHY YOU'LL SELL IT!

Bu-to is nationally advertised

THAT'S WHY YOU'LL SELL IT!

Bu-to is smartly packed

THAT'S WHY YOU'LL SELL IT!

Bu-to is quick and efficient

THAT'S WHY YOU'LL SELL IT!

Bu-to is attractively priced

THAT'S WHY YOU'LL SELL IT!

YOUR customers are looking for a reliable depilatory that really does smell fragrant. Offer them Bu-to—and watch them come back for more! Order NOW from your usual wholesaler.

Retail price: 2/6 per tube, inc. tax. Trade: 12/- per dozen, plus tax. Packed in dozens in attractive display outers.

BIOMETICA LIMITED · BULLHEAD ROAD · BOREHAM WOOD · HERTS

BU-TO SELLS ON THE SPOT!

Important Announcement to—

WHOLESALERS AND RETAILERS

*We are pleased to announce that
MESSRS.*

W.M. PATTERSON & SONS

(ABERDEEN) LIMITED

57-59, SPRING GARDEN, ABERDEEN

have been appointed

DISTRIBUTORS AND STOCKISTS OF

CIMLAC GAUZE HYPON TABLETS

in the counties of ANGUS, INVERNESS, BANFF, KINCARDINE, ABERDEEN, MORAY and NAIRN, CROMARTY, SUTHERLAND, CAITHNESS, THE HEBRIDES, THE SHETLAND and ORKNEY ISLES.



DISTRIBUTORS AND STOCKISTS FOR
WILTSHIRE, GLOUCESTER, OXFORD, BERKSHIRE, DORSET, DEVON,
SOMERSET and CORNWALL.

MESSRS. J. R. GIBBS LIMITED

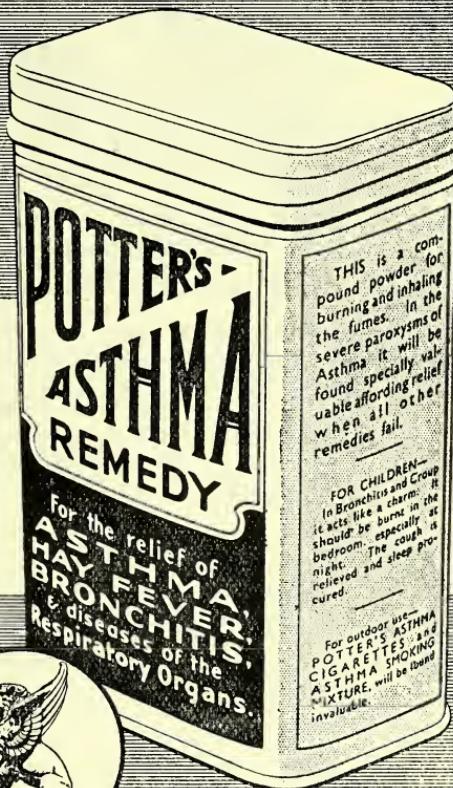
MANOR AVENUE, PAIGNTON, SOUTH DEVON. Tel.: 82282 (3 line)

ORDER DIRECT FROM YOUR LOCAL STOCKIST
ALL PACKS AVAILABLE FOR PROMPT DELIVERY

A BIG Selling Line

NATIONALLY
ADVERTISED P.A.T.A.
RETAIL 2/9 including P.T.
20/- doz. (P.T. 6/8 doz.)

SHOWCARDS WITH ALL ORDERS



THIS is a compound powder for burning and inhaling the fumes. In Asthma it will be found specially valuable affording special relief when all other remedies fail.

FOR CHILDREN—
In Bronchitis and Croup it acts like a charm—
should be burnt in the bedroom, especially at night. The cough is relieved and sleep procured.

For outdoor use—
POTTER'S ASTHMA CIGARETTES—
ASTHMA SMOKING MIXTURE, will be found invaluable.

POTTER & CLARKE LTD

60-64 ARTILLERY LANE, LONDON, E.1

Phone: BISHOPSGATE 4761. Grams: Horehound, 'Phone, London.

77 DANTZIC STREET, MANCHESTER, 4

Phone: BLACKFRIARS 8734. Grams: Horehound, Manchester.

62 ORBISTON STREET, MOTHERWELL

Phone: MOTHERWELL 1413. Grams: Horehound, Motherwell.

Quick! MAKE A DATE WITH THE
Halex Bigger-Bonus Offer
closing May 31st

Don't miss this opportunity of making up to $72\frac{2}{3}\%$ profit on one of Britain's most widely advertised toothbrushes—the offer closes on May 31st. There's a choice of two parcels:—

PARCEL 'A' contains one gross of Halex *Rondated* toothbrushes
 PLUS a bonus of 18 toothbrushes FREE and tax paid.

RETAIL SALES VALUE TO YOU 36/- TOTAL PROFIT ON COST: $72\frac{2}{3}\%$

Never before have Halex toothbrushes been offered on such generous terms. All we ask in return is a promise of a fortnight's window or counter display.

PARCEL 'B' —also very profitable—contains $\frac{1}{2}$ gross of Halex *Rondated* toothbrushes PLUS a bonus of 6 toothbrushes FREE and tax paid.

RETAIL SALES VALUE TO YOU 12/- TOTAL PROFIT ON COST: $66\frac{2}{3}\%$

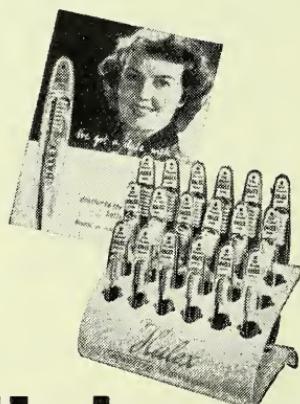
ASK YOUR WHOLESALER FOR FULL DETAILS TO-DAY

Free Showcard!

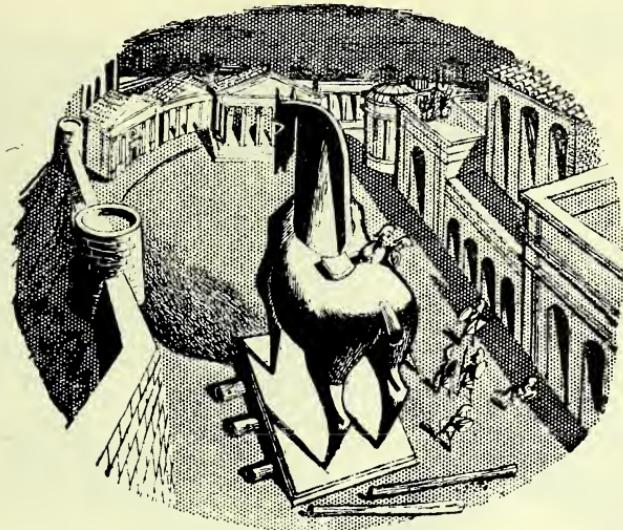
Each bonus parcel contains this—the most compelling show-card we have yet produced. And you get a free permanent plastic showstand if you ask for one.

Meet the two new Brushes

In each bonus parcel you'll find two dozen Halex Toothbrushes No. 260—the new, improved short-head brush with *four* rows of nylon. Parcel 'A' contains a dozen No. 190, the new and better child's brush. Both *Rondated*, of course. Both bound to be favourites.



Halex LIMITED
 HIGHAMS PARK, LONDON, E.4.



PENETRATING POWER *is more than half the battle*

However potent an antifungal agent, it cannot be effective against "athlete's foot" or other fungous conditions of the body unless it readily penetrates the skin. 'Tineafax' Ointment contains zinc undecylenate (recognised as a highly efficient fungicide) in a base of exceptional penetrating power. Bland, non-irritant, non-staining, it clears most cases of athlete's foot in from 7 to 21 days. 'Tineafax' Ointment is issued in collapsible tubes of 1 oz. (approx.); 'Tineafax' Powder, for prophylactic use, in convenient sifter-top tins. For dispensing purposes, 'Tineafax' Ointment is now issued also in jars of 1 lb.

WHEN FUNGUS IS AFOOT . . .

'TINEAFAX'

Compound Undecylenate Ointment and Undecylenate Powder



BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON



**ANTISEPTIC THROAT · GLYCERINE OF THYMOL
CATARRH · MENTHOL & EUCALYPTUS**

THOMAS KERFOOT & CO. LTD., VALE OF BARDSLEY, LANCASHIRE,
and Bardsley House, London, N.I.

P11

NATION-WIDE ADVERTISING



Mendaco

for Asthma, Bronchitis, Hay Fever.

NATIONAL PRESS

Daily, Sunday & Evening Papers

PROVINCIAL PRESS

Periodicals and Magazines

POSTERS

all over the country



Cystex

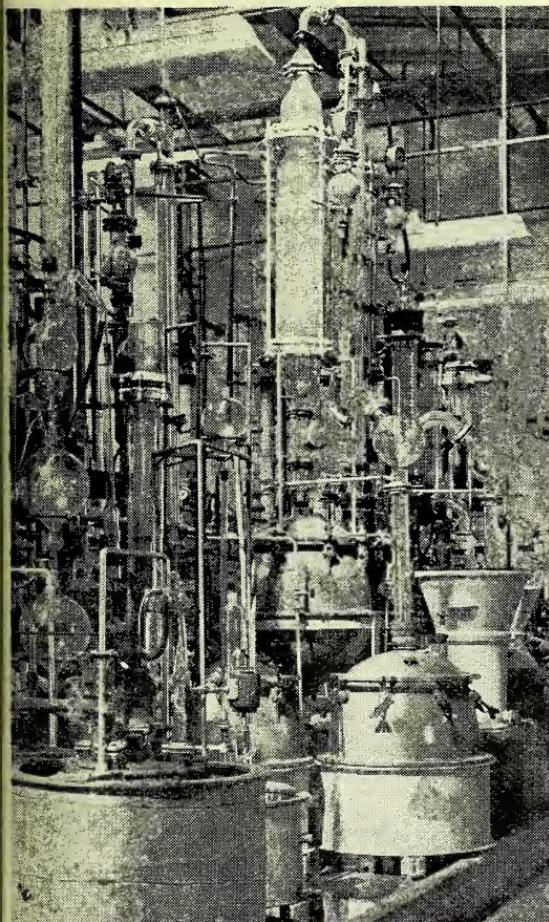
for Backache, Rheumatism.

Many millions will see and read these advertisements. They will tell the public—your customers—about the merits of these two famous medicines—daily creating new customers. Can you always supply "off the shelf"? Supplies through your usual wholesaler.

Other Knox quality products include Diotex, Hytex, Nixoderm, Koladyne

KNOX LABORATORIES LTD., 29 DUKE STREET, ST. JAMES'S, LONDON, S.W.1

B.D.H. IN THE FIELD OF ENDOCRINOLOGY



Plant in a B.D.H. laboratory devoted to the preparation of sex hormones.

The range of B.D.H. production includes all the sex hormone preparations of the B.P. 1948 and N.F. 1949.

ANDROGENS

Testosterone Propionate B.D.H.

Methyl-Testosterone B.D.H.

PROGESTOGENS

Progesterin B.D.H.

Ethisterone B.D.H.

ŒSTROGENS

‘Oestroform’

Œstradiol Monobenzoate B.P.

Œstrone B.P.

Ethinyl Œstradiol B.D.H.

‘Estigyn’

Dienæstrol B.D.H.

Stilbæstrol B.D.H.

Hexæstrol B.D.H.

GONADOTROPHINS

‘Gonan’

‘Serogan’

Descriptive literature will be forwarded to pharmacists on request.

Evans, Gadd & Exeter

MANUFACTURING CHEMISTS

Drugs, Galenicals, Packed Goods and Sundries
for the Pharmaceutical Trade

Wholesale Distributors of Ethical Specialities and Proprietary Medicines

Regular van deliveries cover the West of England

● Return of post service for urgent items

EVANS, GADD & CO., LTD., EXETER

ESTABLISHED 1790

Telephone: Exeter 2278 (3 lines)

Telegrams: Gadd, Exet

Ammonium Carbonate
Chalk—Precipitated and Prepared
Cresylic Acid
Coal Tar Disinfectants
Emulsifiers
Magnesium Carbonate (Pond.)
Synthetic Detergents
Naphthaline
Toluene, Xylene
Zinc Oxide

DUNN BROTHERS'
SUCCRS. LTD.
1 BOOTH STREET, MANCHESTER
Established 75 years

GALE'S NUTRITIOUS TONIC

MORELIX

(Regd.)

ESPECIALLY SUITABLE FOR
CHILDREN
AND DURING CONVALESCENCE

Contains Liquid Malt,
Vitamins A & D, Hypophosphites
and Virginian Prune.

DREADNOUGHT



BRAND

GALE, BAISS & CO. LTD.,
274/276, ILDERTON ROAD, S.E.15

TAMPAX

PRICE INCREASE

After holding the prices of Tampax for many years we have been forced at last, by increased raw material costs, to announce the following new prices as from
April 5th, 1951

	TRADE	RETAIL
REGULAR TAMPAX	No. 1-10's	18/3d. Doz. 2/-
SUPER ABSORBENT TAMPAX	No. 2-10's	20/6d. Doz. 2/3d.

Approved by the Central Price Regulation Committee

THE TAMPAX 40's ARE DISCONTINUED FOR THE TIME BEING

*Tampax Sanitary Protection worn internally provides
greater comfort — convenience — hygiene
AND OUTSTANDING VALUE
no wonder the trend is to Tampax*



TAMPAX LIMITED, SALES OFFICE, 110 JERMYN ST., LONDON, S.W.1

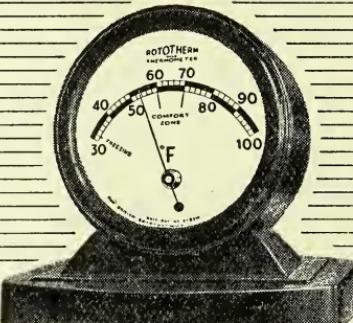


Manufacturing
Specialists
of

SODIUM SALICYLATE B.P.
ACID SALICYLIC B.P.
for
Over
30 Years

WARRINGTON CHEMICAL
& DRUG CO LTD

PADDINGTON WORKS, WARRINGTON, ENGLAND
'GRAMS, SALICIN, WARRINGTON, PHONE, WARRINGTON 2331-2



THE 'MERTON' THERMOMETER

A sure seller at all times, this model forms the ideal and practical gift for desk or table use. Available in attractive Plastic case and choice of colours, also in hand-painted designs.

The world's best thermometer
Price 15/- Retail

Rototherm
DIAL THERMOMETERS

THE BRITISH ROTOTHERM COMPANY LIMITED
Merton, Abbey, London, S.W.19. Tele: LIBerty 3406

Every Chemist can USE

GOSHERON TAPES

Every Chemist can SELL

GOSHERON TAPES

You make extra PROFIT on

GOSHERON TAPES

Write for Samples and Prices

JOHN GOSHERON & CO LTD
GAYFORD ROAD LONDON W12



Red Heart

NOW 10½d PER 8 OZ TIN

Rising costs of production necessitate an increase in the retail price of "Red Heart," effective on April 7th, to 10½d. per tin, with corresponding adjustment in the price to the Trade. The supply is still insufficient to meet the demand, but we wish to assure the Trade that available stocks will continue to be distributed through the usual channels as fairly as possible.



*—a meaty meal
in a moment!*

JOHN MORRELL & COMPANY LTD., LIVERPOOL AND LONDON



AN APPROVED METHOD OF
Family Planning
GYNOMIN

Regular medical and national publicity will bring increasing demands to your pharmacy. Medical literature available to pharmacists on request.

The scientifically balanced, antiseptic and deodorant contraceptive tablet. Spermicidally efficient and recommended extensively by the medical profession.

SPECIAL QUANTITY DISCOUNTS MEAN EXTRA PROFITS.

3 doz. tubes at 31/6 per doz. less	5%
6 doz. " " " " " "	7½%
12 doz. " " " " " "	12½%

Retail price 3/6 per tube of 12 tablets.

Order from your wholesaler.



Manufactured by

COATES & COOPER LTD

PYRAMID WORKS · WEST DRAYTON · MIDDLESEX

May we quote you for—
GLAUBER SALTS B.P.
Pea Crystal and Feathery
EPSOM SALTS B.P.

Needle Crystals, Medium, Exsiccated
All grades conform to the 1948 B.P. Standard

Special Crystals matched and any degree of exsiccation
to order. Packed for Home and Export.

HARRIS, HART & Co. Ltd.
GREGGE STREET WORKS
HEYWOOD, LANCS.

Telegrams:
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Telephone:
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ESTABLISHED 1793

**ATKINSON & BARKER'S
INFANTS' PRESERVATIVE**

The Best and Safest Infants' Medicine of 150 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LTD.
13 WESLEY ST., C. on M., MANCHESTER

SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

9d. BOX PROFIT by ordering 1 dozen
3/3½ size. Bonus given on every
dozen (13). It pays to push this size.

C. & G. KEARSLEY LTD.
71 Dartmouth Rd., London, S.E.23
Est. 1787

He must have the best . . .



. . . and *she* knows
that the best is NYLON.
NYLON hairbrushes for babies
are resilient,
yet soft and gentle.
Attractive and hygienic, they
can be washed easily and
often without losing their
clean look and lively 'feel'.
NYLON brushes look well,
sell well
and give lasting satisfaction.

there is no better brush

than a **NYLON** *brush*



IMPERIAL CHEMICAL INDUSTRIES LTD.
LONDON, S.W.1

P.N.105





Jarvie for Quinine

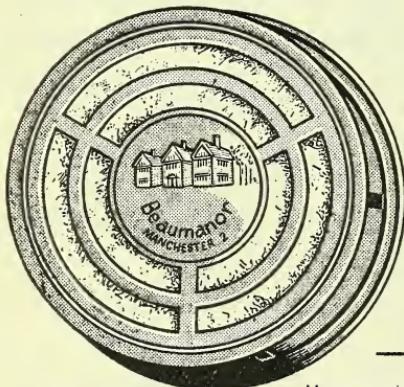
ESTABLISHED 1892

H. JARVIE & CO; LTD

Scotia Chemical Works

COATBRIDGE · SCOTLAND

EXPORT ENQUIRIES TO H. JARVIE & CO. LTD. WIGMORE HOUSE 10 DUKE STREET · LONDON, W1



"Beaumanor" Air Purifying Unit

—designed for HOME, OFFICE

Unostentatious—with a mild perfume,
yet a powerful moth repellent and
deodorizer.

Hygienic Germicidal Deodorant

★ Paradichlorbenzine base
—no naphtha or camphor
content.

BEAUMANOR HYGIENIC PRODUCTS LTD.

and
WORKSHOP

Fitted in Bathrooms, Toilets, Wardrobes and Workrooms
it ensures a germ-free atmosphere...

IN IVORY and GREEN PACKS

Attractive design. Individually boxed. Refills
(2 tablets) boxed separately.

HOME TRADE ONLY

3/3 RETAIL

Liberal
Trade Terms

(Tel.: BLA 2467)

27-28-29-30
ONLY A FEW
MORE DAYS!

GET YOUR BONUS NOW!
FLIT BONUS PARCELS
REGD. TRADE MARK
FOR DELIVERY BY APRIL 30TH

Take our tip, get on to a good thing fast, it will pay you handsomely. Here — with only a few days to go — are the Flit bonus terms on orders placed for delivery not later than April 30.

FLIT offers you
10% bonus on all orders of over £10 at list prices
7½% " " " " " " " " £8 " " " "
5% " " " " " " " " £5 " " " "
Bonus parcels may be ordered direct or through your wholesaler. Orders may include all sizes of Flit products and Flit hand-sprayers, **except Flit Aerosol Spray which is not subject to bonus terms and must not be included to make up bonus parcels.** Don't forget that Flit, for 1951, is backed by a striking advertising campaign and many sales aids to keep Flit moving off your shelves.



HERE'S THE
FLIT
AEROSOL!

Simply press a button and world-famous Flit, in a powerful, penetrating spray gives "arm-chair" fly-killing.



FLIT IS AN **ESSO** PRODUCT

STOCK FLIT - WORLD'S NO.1 INSECTICIDE
for quick turnover and big profits

STEMCO LIMITED, 128/132 ALBERT STREET, CAMDEN TOWN, N.W.1

CARTER'S OF COLEFORD

makers of



announce...



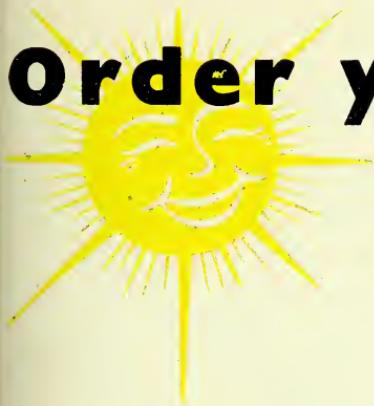
PURE FRUIT SQUASHES



THESE ARE THE 'QUOSH' QUINS

-they are going to make SALES for you !

Order your



TWO QUICK SELLING STYLES !

549. Round shape with Crookes Lenses. Retail Price 1.9

650. Drop eye shape, with Crookes Lenses. Retail Price 2.-

Sun Glasses NOW

Chemists up and down the country know from experience that there's nothing to touch Bartlett's sun glasses for quick sales and good profits. Styles and colours to suit every requirement at retail prices from 8d. to 2 guineas.

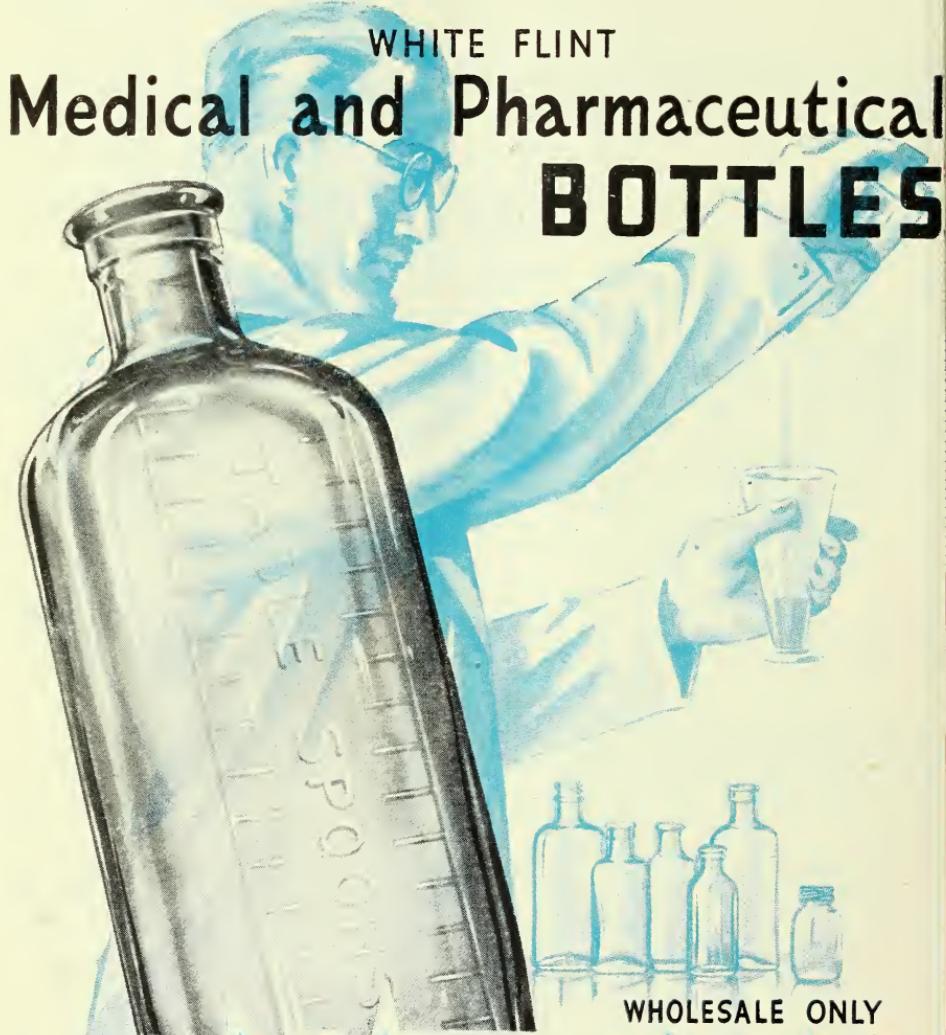
But don't delay. You know what's happening to supplies everywhere just now, and delayed action may mean loss of profits this year. Order now and make sure. Send today for illustrated folder of Bartlett's Sun Glasses, the most complete assortment ever offered to the Trade. Write to :

*and make
sure they're
BARTLETT'S
the best sellers*

ALFRED FRANKS & BARTLETT CO. LTD.

AUDREY HOUSE, ELY PLACE, LONDON, E.C.I.

ORDERS SHOULD BE PLACED THROUGH YOUR WHOLESALE HOUSE
WHOLESALE ENQUIRIES TO THE ABOVE ADDRESS



WHITE FLINT Medical and Pharmaceutical BOTTLES



WHOLESALE ONLY



NATIONAL

National Glass Works (York) Ltd.

Fishergate, YORK
Telephone: York 3021

501 Hatton Garden, London, E.C.1
Telephone: Holborn 2146

FOR HOME & EXPORT

★ **Meta Amino
Phenol 99/100°.**

★ **Pas Acid
Pas Sodium
Pas Calcium**

In Bulk and Tablet forms

★ **Sulpha
Drugs**



★ We can
supply these
and many other
drugs advan-
tageously.

**M.W.HARDY
AND COMPANY
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PINNERS HALL · GT WINCHESTER ST · LONDON · E.C.2

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THE PUBLIC WANT ZEMS

P.A.T.A.

Order now from your wholesaler
or direct from—

GLADSTONE LABORATORIES

718/24 SEVEN SISTERS ROAD,
TOTTENHAM, N.15



*The
Complete Service*

WASHED AND
STERILIZED
READY FOR USE



FITTED
KORKALITE,
MOULDED OR
ALUMINIUM CAPS



CORKMOUTH

UGB

**UNITED GLASS BOTTLE
MANUFACTURERS LTD.**

8 LEICESTER STREET, W.C.2

Tel.: GERRARD 6111 (18 Lines) Grams: UNGLABOMAN LESQUARE, LONDON

*Infants Feeding Bottles -
Upright & Double-ended*

another  product



The double-ended Feeder is supplied spare, or packed in carton with Teat, Valve and Brush, the Upright Feeder, spare only. Our quality and workmanship is unrivalled, having specialised in the production of Feeding Bottles for over 100 years.

WOOD BROTHERS

GLASS CO LTD OF BARNESLEY IN YORKSHIRE

Buying Sunglasses?

THIS 'COLD WAR' is an OLD 'WAR'....

A BATTLE AGAINST RISING PRICES!

Stockpiling in America has resulted in an acute shortage of the raw materials necessary for the manufacture of Sunglasses; but although prices may tend to harden later in the Season, we are in the fortunate position of being able to continue last years' models and also to offer new styles with guaranteed 'Sales Appeal'.

Please ask your Wholesaler to show you our 1951 range; models retailing from as low as 1s. Od. per pair.
... Including SUNRA GLASS.

SUNRA GLASS
AT LAST!

A moderately priced
sunglass with the
"expensive" look

RETAILS AT
3s. 6d.
(in two colour box)

Scientifically styled for men and women. Comfortable
saddle bridge in two popular fittings.
Available in attractive colours: opaque, transparent and
pearl, from your usual wholesaler. There are twelve
other models of sunspecs from which to choose which
retail from 1s. Od.

370-372 STATION ROAD, FOREST GATE
LONDON, E.1. — ENGLAND

Telephones: MARlboro 1766 & 1550

LAST SEASONS' SUNGLASS SENSATION!
VALUE = SALES! SALES = PROFITS!



Higher Thermal Efficiency means HIGHER sales

VACCO vacuum flasks and vacuum jars have Higher Thermal Efficiency—a vital benefit that reduces temperature change to a minimum.

The Model S.C. flask is of 1 pint capacity and of pleasing design with a quality finish in durable enamel.

The VACCO jar Model J. 101 has a $3\frac{1}{2}$ " wide mouth and a capacity of more than 2 pints. The canister is stove enamelled in green, blue or red, with an attractive crackle finish, and is fitted with a sturdy polished aluminium handle.

VACCO

MADE IN ENGLAND

Enquiries to:

VACCO LIMITED, Grosvenor Gardens
House, Grosvenor Gardens, London, S.W.1



SAMCO Atomisers and Sprays differ from types in general use in that each model is a Scientific Instrument specially designed to handle all types of spraying compounds without the necessity to adjust the nozzle of the instrument in any way.

Each instrument is manufactured and assembled to mathematically exact limits thereby assuring uniform performance.

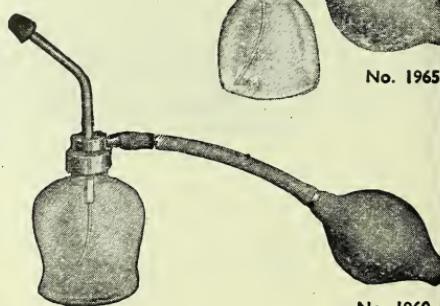
Materials of the finest quality only are used and all components in direct contact with fluids are made of pure nickel, which is impervious to every known substance used in medical prescriptions.

All components are heavily chromium plated.

All SAMCO models are pressure operated, thus ensuring complete atomisation.

Entirely
British
Made

N.H.S. Pattern



Supplies available from your usual wholesaler . . .

ACTUAL MANUFACTURERS

S. MURRAY & Co. Ltd.

Phone: EUSTON 1757 & 5514

45 ST. PANCRAS WAY . . . LONDON . . . N.W.1



ACID BENZOIC B.P.

PURE SUBLIMED

SODIUM BENZOATE

B.P.

BUSH

W. J. BUSH & CO. LTD. LONDON. E.8. ENGLAND

75

Let us help you to solve your sunglass problems for the coming season by sending you details of the comprehensive range of beautiful sunglasses we have available, in all shapes, sizes, colours, and materials to suit all pockets. Write now to . . .

Whitecross



beautiful
SUNGLASS
STYLES
for
1951

OPTICAL COMPANY, LTD.

55, WHITECROSS ST., LONDON, E.C.1

Telephone: MONarch 0114-5

WHOLESALE and EXPORT ONLY

PROTECTION



Protect your profit, prevent leakage, avoid errors and record all cash sales.

GLEDHILL

BRITISH MADE CASH REGISTERS AND TILLS

G. H. GLEDHILL AND SONS LTD

28 TRINITY WORKS, HALIFAX

BLYTON ASTLEY & CO., LTD.

Eagle Laboratories

LOWER BROUGHTON, MANCHESTER

thank their customers for their patience and forbearance during these difficult times, and assure them that every effort is being made to supply quickly lines which they have previously purchased.

“RODINE”

RAPID RAT REMOVAL

Always in demand!

T. HARLEY LTD., PERTH, SCOTLAND

GALIC ACID PYROGALIC ACID

(RESUBLIMED, PURE CRYSTAL AND TECHNICAL)

AND DERIVATIVES

WHOLESALE AND EXPORT ONLY

J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX



A QUALITY PRODUCT



POTTER & MOORE LTD., LAVENDER HOUSE, SEYMOUR ROAD, LEYTON, LONDON, E.10

Ingredients for a successful sales campaign

Beginning in May a National Advertising Campaign will be launched to stimulate sales of Potter & Moore's Powder-Cream. Counter Leaflets and Display material, the other ingredients of this large scale Sales Drive are now available. We confidently invite your most valued co-operation.

Potter & Moore's
POWDER - CREAM



Potter & Moore products will be on view at

STAND No. E.17

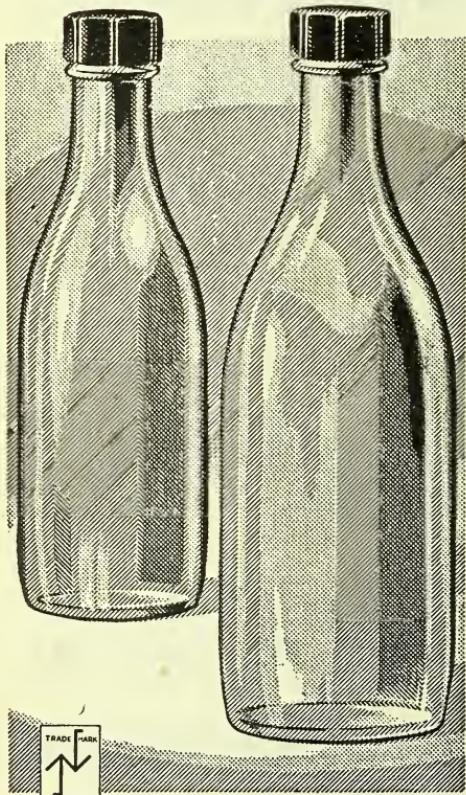
B.I.F. OLYMPIA

where a cordial welcome awaits you.

BEATSON

BAKELITE CAPPED
CHAMPAGNE OILS

These bottles greatly enhance the presentation of packed oils. They are available in 2½ oz., 5 oz., 10 oz. and 20 oz. capacities.



BEATSON CLARK & CO. LTD.

ESTABLISHED 1751

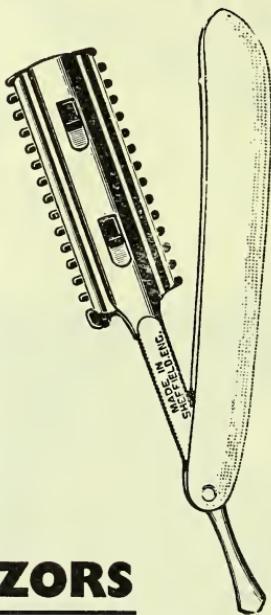
Manufacturers of Medical and Chemical Glass

ROTHERHAM

YORKS.

DURHAM-DUPLEX

RAZOR CO., LTD.



RAZORS

The Durham-Duplex Razor is still being manufactured. The present shortage of raw materials may restrict this production, but every effort is being made to hold our present standard.

BLADES

There is no shortage at the moment of the Durham-Duplex Blades, production is increasing and we are hoping to give immediate delivery in the near future.

DURHAM-DUPLEX RAZOR CO., LTD.

72 ARUNDEL STREET
SHEFFIELD, 1

Now on sale in Britain FRANCE'S FINEST FILM



**For Speed &
Brilliance**

Be prepared for the Festival of Britain by placing your orders NOW and ensuring continuity of supplies.

Overseas Visitors will need no introduction to S.P.O. when they see it on display (show matter now available).

Distributors are now being arranged to cover the British Isles. A full list will be given in a future announcement.

SOLE IMPORTERS

N. & M. GOULD LTD.
62-66 STONEY LANE, LONDON, E.C.3

Telephone: BISHOPSGATE 1172/3/4

Stock and Sell**"FRUTOX"**
NEW, UNIQUE ALL-THE-YEAR-ROUND
FRUIT TREE WASH

A profitable line for chemists and drug stores. Thousands of amateur, and smaller commercial fruit growers are potential buyers.

NATIONAL ADVERTISING AND PUBLICITY

has made widely known this modern scientific discovery which has been tested and approved. 10 oz. bottles retailing at 2/11 make 5 gallons of Wash.

IT'S IN BIG DEMAND! YOU CAN SUPPLY IT!**GOOD PROFIT MARGIN**

All enquiries to Sole Distributors to the Chemist trade in England and Wales:—

SANGERS LIMITED
258 EUSTON ROAD, LONDON, N.W.1

Manufactured by:—Metropolitan Chemicals (London) Limited, 71 The Broadway, Cricklewood, London, N.W.2
Phone: GLAdstone 2765

Florine

2 PLY
GLAMAPAK

PETAL-SOFT
TISSUE
HANKIES



★ HANKIES also supplied with embossed hem-stitched borders in Cellophane Pack.

Absorbent Petal Soft, New fold tissues, Improved Fold for Boudoir, Bathroom or for travel use. Conveniently packed from specially constructed, attractively printed cartons, designed for immediate single selection of colored tissues without contamination. Each box contains single sheets 9" x 10" folded 4½" x 5". Obtain in white only or supplied assorted tints and self colored.

THE POCKET PACK

Specially designed Dispenser Carton contains 24 regular sized tissues (12 per box white only, folded 2½" x 5" for handbag, school and travel use.

Packed in Display Boxes containing 1 dozen cartons—convenient for distribution, ideal for counter display.

CARRIES FULL PROFIT MARGIN
FOR WHOLESALER AND RETAILER

FREEDER BROTHERS PAPER MILL

BRIMSDOWN, ENFIELD, MIDDLESEX

Telephone: Howard 1847 (5 lines).

Telegrams: Sylkocrepe, Enfield, Middlesex

See our Stand No: M105 Stationery Section, B.I.F. Olympia



MORE
Make friends with
Ferrania

Ferrania
the wonderful film

Sole importers of *Ferrania Products for Great Britain*:

NEVILLE BROWN & CO. LTD., 77 NEWMAN STREET, LONDON, W.I.

Telephone: LANGham 7161 (6 lines)

Also available through these Provincial Wholesalers: SOUTHALL BROS & BARCLAY (1935) LTD., BIRMINGHAM.
BROOKS, PARKER & CO. LTD., BRADFORD. JAMES WOOLLEY SONS & CO. LTD., MANCHESTER.

Make BIGGER Profits With This BIG Seller!



"DiDiT" *Floral* FLYCARDS

Attractively designed and printed in colour, the new "DiDiT" Floral Flycard is a real seller. Hung in living rooms, kitchen or larder, it is as efficient as it is attractive. It DOES KILL FLIES. Millions of Flycards sold last year. Make sure of your share of this good business by ordering now.

Packed in 7½" x 5½" transparent viscose packets. Retailing at 1/- per packet of 4 cards.
COST PRICE 8/- per doz. Pkts.
3 DOZ. LOTS AND OVER LESS 10%

RODMILL CHEMICAL CO. LTD.
ISLINGTON ROW, LIVERPOOL. NORTH 1393

NORth 1393

BARBITURATES

ALLOBARBITONE, BARBITONE, SODIUM BARBITONE, BUTOBARBITONE, CYCLOBARBITONE, PHEMITONE, HEXOBARBITONE, PHENOBARBITONE

OXYQUINOLINE

**POTASSIUM OXYQUINOLINE SULPHATE, CHINIOFONUM,
DI-iodo Hydroxyquinoline, (Powder and tablets)**

ASPIRIN

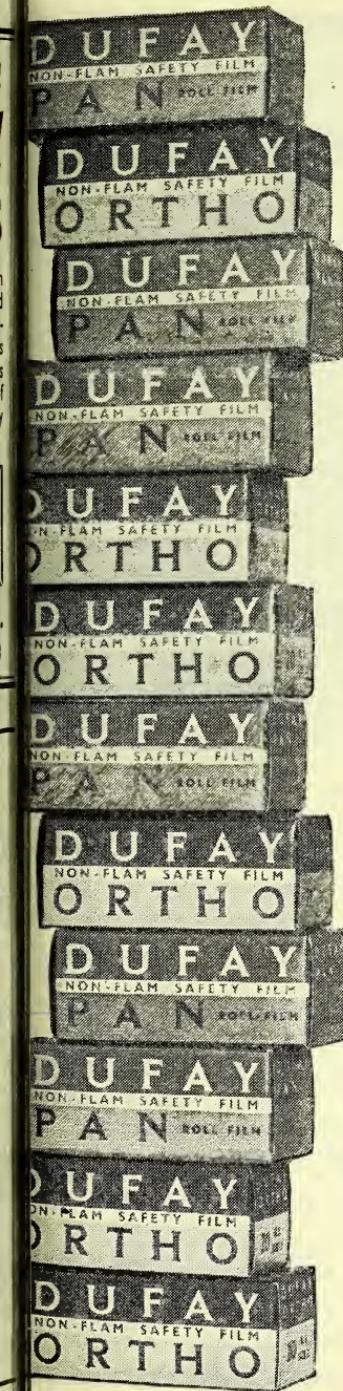
ASPIRIN TABLETS, CALCIUM ASPIRIN

Enquiries Invited for prompt or contract deliveries by:

PIERSON, MORRELL & CO. LTD.
THE ORIGINAL BRITISH ASPIRIN MAKERS
BARNET, Herts.

Telegrams: Pierson Morrell Barnet

Telephone: BARnet 0723



PROFITS PLUS PRIZES
for you, Mr. Dealer!

The great Dufay amateur snap contest is now under way—accumulating as it goes—like a giant snowball—more and more sales of Dufay black and white films for you.

And every sale you make carries the chance that you may win a prize as well:

Dufay will award you:

£100 if you sell the grand final prize-winning film. £25 if you sell one of the three groups final winning film. £10 for every cash award winning film you sell.

Advertisements in all the great national papers are constantly reminding the public what they stand to gain by taking their day-by-day snaps on Dufay black and white film.

Their gain can be your gain. When they come to you for films—sell Dufay black and white film—and cash in too on the chance of adding a prize to your film sales profits.

DUFAY—THE NON-FLAM SAFETY FILM

General Medical Council
ADDENDUM
 1951

TO

**THE BRITISH
 PHARMACOPÆIA 1948**

*Publication date April 19th, 1951
 Official from September 1st, 1951*

The Addendum contains amendments to the British Pharmacopœia, 1948, and 62 new monographs on drugs and preparations including antibiotics, sulphonamides, arsenical and antihistamine drugs, antitoxins, vaccines and preparations of human blood. The Appendices include methods of biological assay and the determination of ABO group and Rh group of blood.

Pages XVIII+114 Price 17s. 6d. net
 Postage 6d. inland, 10d. abroad.

★

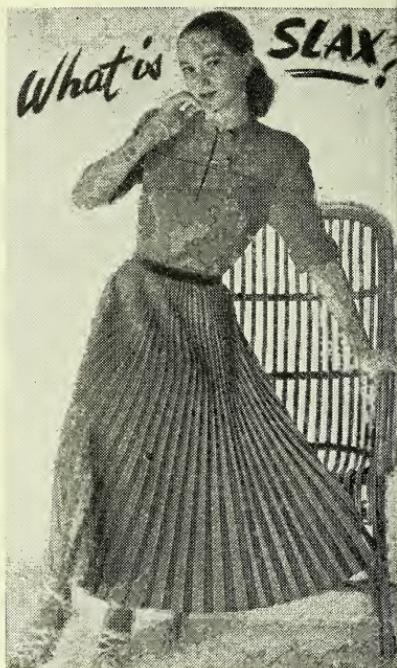
**THE BRITISH
 PHARMACOPÆIA
 1948**

Pages XL+914 Price 45s. net
 Postage 1/- inland, 1/8 abroad.

*Published for the
 General Medical Council*

by

CONSTABLE & CO. LTD
 10 Orange Street, London, W.C.2



. . . A new, fast selling, thermo-plast discovery that eliminates your valetin and pressing bills. RETAIL DISCOUNT 33½%. This compound effectively binds the fibres of the cloth. The hot iron does the rest and then the material is lasting, creased. Defies hard wear and wet weather. Puts you FIRST IN THE FIELD. Constant repeat business assured. NATIONALLY ADVERTISED RETAILS AT 1/9 per bottle complete with brush. Sample orders for one dozen despatched with attractive showcard.

*The only
 Pleat and Crease Fixer*

SLAX

Jefferies Chemical Co. Ltd 4 New Bridge St

In line with modern therapy

IMLAC GAUZE NON-GREASY, NON-ADHERENT

Reports on clinical trials indicate that remarkable results are obtained in the healing of chronic ulcers, wounds, burns, carbuncles, and that rapid control is obtained of infection due to molytic Strep., Strep. Viridans, Staph. Aureus, B. Pyocyanus, B. Subtilis, B. Proteus.

Cimlac Gauze is compatible with systemic antibiotic therapy.

UKS. Prescription: Boxes of 12 pieces 3½" x 3½"

Hospital: Boxes of 24 pieces 4" x 3½"
Available only to Hospitals, Private Practitioners and Medical Depts. Industry.

ALPED FUNGICIDE FUNGICIDAL AND FUNGISTATIC

The combination of Parachlorophenylether and Phenylmercuric Nitrate Alped provides rapid control of pathogenic fungi associated with Dermatoses, Tinea, Pruritus Ani, Pruritus Vulva, and allied fungoid actions.

Rapid relief from itching and irritation is obtained with subsequent drying of the lesions.

Available as a cream or powder.

UKS. Alped Powder: 4 oz. drums.

Alped Cream: 1 oz. tubes.

YPON TABLETS ALGESIC AND ANTI PYRETIC

The side effects of depression and constipation often associated with the administration of analgesics are avoided by inclusion of Phenolphthalein and Caffeine in a balanced formula containing:—Acid, Acetysal., Phenacet., Caffein., Codein, Phosph., Phenolphthalein.

Indications: All conditions where an analgesic is indicated, as an Antipyretic in cases of Influenza, Acute Rheumatism, Malaria and Coryza.

UKS. Screw Capped Bottles:

50, 125, 250, 600 and 1,000 tablets.

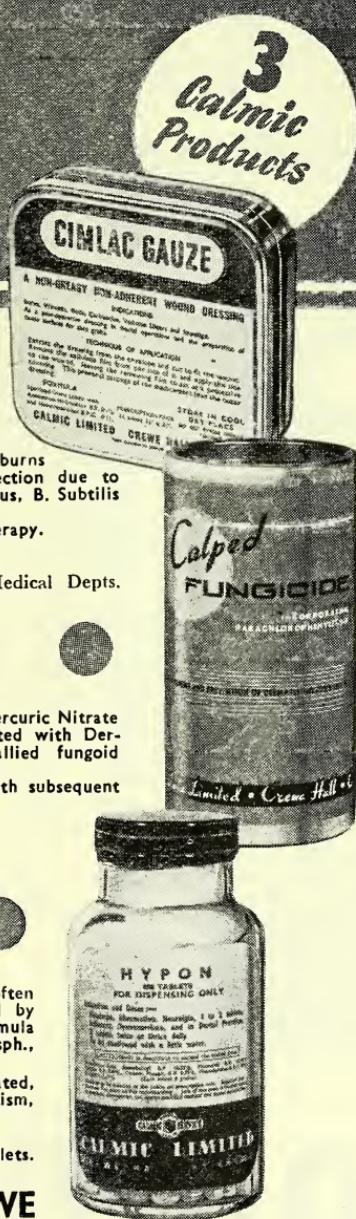
ALMIC LTD. • CREWE HALL • CREWE

Area Distributors and Stockists in the Counties of
LUTSHIRE, GLOUCESTER, OXFORD, BERKSHIRE, DORSET, DEVON, SOMERSET and CORNWALL

MESSRS. J. R. GIBBS LIMITED

NOR AVENUE • PAIGNTON • SOUTH DEVON.

TELEPHONE: 82282 (3 lines)





An all-star line

- ★ Outstanding value ★ nationally advertised
- ★ ready demand ★ 33 1/3% trade discount
- ★ 12 months guarantee

Here's a brisk market to keep your eye on . . . vast popular market for sensibly-priced electric dry shavers! Arvin's two top-value precision built models are selling faster every day, backed by strong National advertising and by Arvin's unequalled reputation and guarantee.

Arvin Electric Ltd, were makers of the first, and still foremost, all-British electric shaver. Now their two latest models . . . the Consort and the De-Luxe . . . are keeping the name Arvin right out on top! Every single sale means many more follow-up sales, the direct result of personal recommendation of a good product. A fortune in 33 1/3% trade discounts is shared out every month. You can claim your part in this expanding market today through your usual wholesaler.

THE ARVIN "DE LUXE"

Type D.S.7 AC/DC. Ivory finish.
Retailing at £4.05.0d. tax paid.

THE ARVIN "CONSORT"

Type D.S.5. Ivory finish. AC only 40/60 cycles.
Retailing at £2.19s.7d. tax paid



Write
now for
Wholesale
Terms

ARVIN

Twinhead ELECTRIC DRY SHAVER

ARVIN ELECTRIC LIMITED,
Fernbrook Avenue, Southend-on-Sea, Essex

Kiddies love it! Mothers praise it! ... and it's a fine selling line!

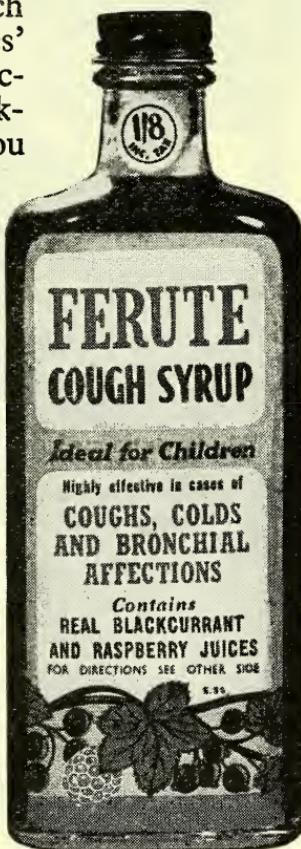
ound therapeutic preparation too, which can confidently recommend for kiddies' oughs and colds, well knowing that its delicate flavour (FERUTE contains *real* blackcurrant and raspberry juice) will earn you our with the children and grateful thanks from worried mothers. FERUTE real "good-will" builder. Never sticks the shelves. Repeats and repeats repeats. Truly a happy "till tinkler"!

FERUTE COUGH SYRUP

Contains *real* Blackcurrant and
Raspberry Juices

er a dozen or so to-day! 2 sizes : retailing at
inc. tax and 2/11 double quantity. Can be
ed with your order for Zac Baby Products and
or "Hough Hoseason" Packed Pharmaceutical
parations, to qualify for best available quantity
as.

Made by the makers of
ZAC Baby Products



SOLE AREA SELLING AGENTS

- W. ENGLAND - - - Messrs. J. R. Gibbs Ltd., Paignton, Devon
- IDLANDS - - - Messrs. John Knox (Stoke-on-Trent) Ltd., Stoke
- AST ANGLIA - - - Messrs. East Anglia Wholesale Supplies Ltd., Norwich
- REATER LONDON - - Messrs. Allied Drug & Chemical Co., London, N.W.1
- ORTHERN IRELAND - Messrs. George Crawford (Belfast) Ltd., Belfast

ZAC HOSEASON & CO. LTD. • **Levenshulme, Manchester 19**

Display the Lines that SELL



Powerful widespread advertising for 'Freezone' is planned for the summer months—when the hot weather makes corns extra painful. Display this show card to tie-in with this advertising and watch 'Freezone' move across your counter. Be sure your stock are adequate.

Freezone Liquid Corn Remover retails at 1/10 (inc. P.T.); list price (exc. P.T.) is 13/6 per doz with P.T. 4/6 per doz.

In an I.C.C. £10 parcel, the extra 12½% discount gives you a profit of more than 34%.

**BUILD A £10 I.C.C. PARCEL ROUND 'FREEZONE' AND 'REUDEL' BATH SALT
—ANOTHER POPULAR SUMMER LINE—FOR EXTRA PROFITS THIS SEASON**

MAKE UP YOUR PARCEL FROM THESE PRODUCTS:

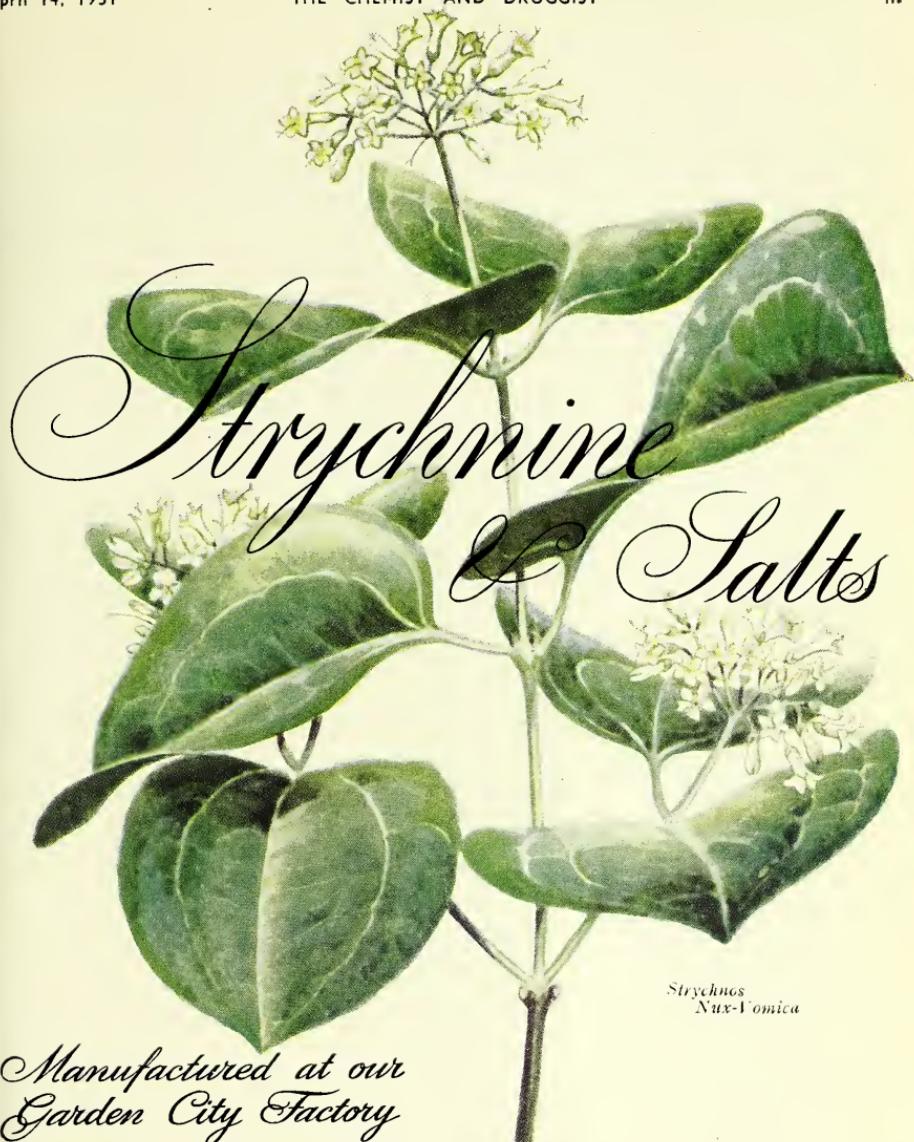


FREEZONE

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